BROWNFIELD SOLUTIONS LTD

KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION (GMYF)

Mount Road, Gorton

Phase II Geo-Environmental Assessment Report

MS/C5150/11591 Rev E

November 2023

EXECUTIVE SUMMARY	
Location and Brief Site Description	The site is located off Mount Road, Gorton, M18 7SU, centred on National Grid Reference 388289, 295020 as shown on the Site Location Plan, Drawing No. C5150/01. The site largely comprises a field (former football pitches). There is an area of hard standing in the northwest of the site which comprises a demolished sports hall and car parking.
Ground Conditions	Generalised ground conditions from the ground investigation comprise (top down): • Made ground encountered from ground level to between 0.40m and 2.50m bgl. • Natural Topsoil encountered from ground level to between 0.25m and 0.30m bgl. • Natural superficial strata encountered from 0.25mbgl to between 1.90m and 5.45m bgl. • Standing groundwater recorded between 0.35m and 4.01m bgl, where observed.
Human Health - Soils Contamination	Testing of the topsoil and made ground at the site has revealed numerous exceedances of heavy metals and PAHs which pose a risk to human health and require mitigation.
Ground Gas	Based on the monitoring, the site is classified as Green under the NHBC traffic light classification system, therefore no mitigation measures are required.
Outline Remedial Strategy	Subject to regulatory approval, the following outline remedial strategy is recommended: • Removal of existing topsoil. Cover system over made ground with 600mm thick of 'clean' validated topsoil/subsoil in gardens and 450mm in soft landscaping areas. • Verification of the above with validation reports produced.
Waste	Based on the waste classification database assessment, the majority of the topsoil and made ground soils have been classified as non-hazardous. Although, some samples of made ground have been classified as hazardous based on carcinogenic and ecotoxic properties.
Foundations and Floor Slabs	Strip/trench fill foundations are considered suitable where made ground is shallow. A safe bearing capacity of 140kN/m^2 should be available at a minimum depth of 0.90m bgl, keeping total and differential settlement within acceptable limits. Ground improvement by vibro stone columns (VSCs) should be considered in areas of deeper made ground (>2.00m bgl) to provide a suitable platform for the development. Deepening of foundations/heave protection is likely to be required to allow for the effects of trees around the site boundaries. Suspended floor slabs may be adopted.
Concrete Classification	DS-2 AC-1s conditions prevail in made ground soils. DS-1 AC-1s conditions prevail in natural soils.
Highways Design	Made Ground CBR – <2% Superficial Strata CBR – cohesive/fine soils– <2%
Sustainable Drainage Systems (SUDS)	Drainage to soakaways is considered unsuitable for this site. Indicative soil infiltration rates range from $1.91x10^{-6}$m/s to $6.64x10^{-8}$m/s.
Further Work	The following further works will be required to progress to the construction phase: • If piled foundations are opted for, then deeper cable percussive boreholes will be required to obtain parameters for detailed pile design. • Tree survey by qualified arboriculturist. • Detailed foundation design and production of plot specific foundation schedule. • Design of Remedial Strategy and confirmation with the Local Authority /EA / NHBC. • Production of a Materials Management Plan. • Implementation of the Remedial Strategy and verification of the remedial works.

This executive summary should be read in conjunction with the full report, reference MS/C5150/11591 Rev E and not as a standalone document.

PROJECT QUALITY CONTROL DATA SHEET

Site Name:	Mount Road, Gorton		
Document Name:	Phase II Geo-Environmental Assessment Report		
Reference:	MS/C5150/11591 Rev E		
Status:	-	01/12/2022	Interim.
	A	10/01/2023	Updated upon completion of scheduled ground gas monitoring.
	B	23/06/2023	Updates to introduction and proposed development text after comments from planners.
	C	26/07/2023	Updates to waste classification section.
	D	11/09/2023	Updates to drawing numbers.
	E	23/11/2023	Updates to site layout and development description.

Issued By:	**Client:**	**Engineer:**
Brownfield Solutions Ltd William Smith House 173 – 183 Witton Street Northwich Cheshire CW9 5LP Tel: 01606 334 844 brownfield-solutions.com	Kellen Homes Ltd & GMYF 1st Floor 103 Dalton Avenue Birchwood Park Warrington WA3 6YE	
	Contact: Lucy Crawford	Contact:

Written by:



M Shore
BSc (Hons) AMIEnvSc
Senior Project Engineer

Checked by:



A J Stokoe
BSc (Hons) CSci MIEnvSc FGS
Associate

CSci
Chartered
Scientist

Approved by:



J Mather
BSc (Hons) FGS
Senior Project Engineer

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Drawing Number	Rev	Title
KH008-A-100	P8	CAD Site Layout
KH/MRG/LP/01	-	Kellen Homes Site Location Plans
C5150/02	-	Site Features Plan
C5150/03A&B	-	Exploratory Hole Location Plan
C5150/04	-	Made Ground Isopaches

APPENDICIES

Appendix	Title
Appendix A	BSL Methodology and Guidance
Appendix B	Exploratory Hole Logs
Appendix C	Chemical Testing Results
Appendix D	Geotechnical Testing Results
Appendix E	Monitoring Results
Appendix F	Waste Assessment Report

1.0 INTRODUCTION

1.1 Context and Proposed Development

This Phase II Geo-Environmental Assessment has been prepared by Brownfield Solutions Limited (BSL) on behalf of Kellen Homes and the Greater Manchester Youth Federation ("GMYF") and is submitted in support of an application for full planning permission at Land at Mount Road, Gorton ("the site"). The description of development is as follows:

"Full planning application proposing the erection of a youth, sports and community hub (Use Class E(d)(g)), F2(b)), 2no football pitches, combined netball and basketball court, cricket strip (Use Class F2 (c)), a two storey apartment building comprising 36no apartments for young person's accommodation (Use Class C3) and 267no dwellinghouses (Use Class C3a), with associated landscaping, public realm, ecological mitigation, refuse storage, drainage, car parking and other associated works, with access from Wembley Road and Mount Road".

The application site is owned by GMYF in its entirety. GMYF is a charity, originating from the mid 1800s, who work with a wide variety of voluntary youth groups and projects throughout the most disadvantaged communities of Greater Manchester. GMYF's aim is to provide as many opportunities as possible for young people to grow and be the best that they can be, helping them to move beyond their boundaries. In simple terms, it is about getting young people off the streets, into clubs and doing something positive with their time.

The application site was previously in use as football pitches but has been vacant and underutilised since 2019 with no public access. GMYF selected Kellen Homes as their developer partner and together, with their professional teams, they have developed proposals for the site which will secure its future as a youth, community and sports hub whilst also providing much needed housing in Gorton.

The proposed development is described fully in the Design and Access Statement prepared by Gillespies and presented on the application drawings. The application proposals have been developed in consultation with Manchester City Council ("MCC") Officers and other key stakeholders."

This report has been completed in general accordance with the following guidance:

- Environment Agency guidance - Land Contamination: Risk Management (LCRM).
- BS 10175:2011+A2:2017 Investigation of Potentially Contaminated Sites.
- BS5930: 2015+A1:2020 Code of Practice for Ground Investigations.
- BS EN 1997-1:2004+A1:2013 Eurocode 7. Geotechnical design. General rules plus UK National Annex.
- BS EN 1997-2:2007 Eurocode 7 Geotechnical design. Ground investigation and testing plus UK National Annex.
- NHBC Standards. Chapter 4.1: Land Quality - Managing Ground Conditions.

Definitions of terms and acronyms used within this report is presented in Section 11.0.

1.2 Previous Reports

This report should be read in conjunction with Brownfield Solutions Ltd Phase I Geo-Environmental Assessment Report (LC/C5150/11494 Rev A) issued in October 2022.

1.3 Objectives and Scope

The objectives of this report are to determine the geo-environmental setting and ground conditions of the site, highlighting potential risks and areas of concern that may govern the development under the current planning regime.

This report has been produced in general accordance with the recommendations for a Tier 2 Generic Quantitative Risk Assessment as described in LCRM guidance. This assessment is also intended to fulfil the requirements of a Ground Investigation Report (GIR) as detailed in BS EN 1997-2:2007.

Following the Phase I Desk Study referenced above, an exploratory investigation was undertaken to confirm the findings of the preliminary CSM and risk assessment and meet any objectives that had not been satisfied. The exploratory investigation was undertaken using trial pitting, window sampling, soakaway testing, lightweight deflectometer (LWD) testing, gas and groundwater monitoring, laboratory chemical and geotechnical testing, with reporting on the findings.

1.4 Limitations

This assessment has been prepared in accordance with the relevant current legislative framework, guidance and risk assessment methodology as outlined in Appendix A. BSL is not liable for any subsequent changes in the guidance and legislation.

The findings and opinions conveyed via this report are based on information obtained from a number of sources as detailed within this report, BSL have assumed this information is correct and reliable. Nevertheless, BSL cannot and does not guarantee the authenticity or reliability of the information it has relied upon.

BSL have used reasonable skill, care and diligence for the investigation of the site and the production of this report. There may be other conditions prevailing on the site which are outside the scope of work and have not been highlighted by this assessment and therefore have not been considered by this report. Responsibility cannot be accepted for such site conditions not revealed by the assessment.

This report has been prepared for the sole use and reliance of the Client, Kellen Homes Ltd & GMYF. No other third parties may rely upon or reproduce the contents of this report without the written permission of Brownfield Solutions Ltd (BSL). If any unauthorised third party comes into possession of this report, they rely on it at their own risk and BSL do not owe them any Duty of Care.

The investigation carried out on the site has been conducted to provide the best information on the ground conditions within site access and budgetary constraints. The inherent variation of ground conditions allows only for definition of the actual conditions at the locations and depths of exploratory locations at the time of the investigation. Different ground conditions may exist that have not been identified within this investigation.

The recommendations in this report assume that ground levels will remain as existing, unless stated otherwise within the report. If there is to be any re-profiling (e.g. to create development platforms or flood defences) then the recommendations may not apply.

The groundwater results described are only representative of the dates on which they were recorded, and levels may vary seasonally (e.g. due to changes in weather).

This assessment has been based on the proposed planning layouts provided. Any subsequent change to the planning layout may have an impact on the validity of recommendations made within this report. Furthermore, new information, changed practices or new legislation may necessitate revised interpretation of the report after the date of its submission.

Although every effort has been made to position exploratory holes in the least sensitive areas of the site, exploratory hole positions were located approximately as part of this investigation and no guarantee can be given as to their accuracy. Consideration should be given to the possibility that exploratory holes excavated as part of this investigation and indeed any previous ground investigation work by others may be encountered beneath or within the influence of individual foundations. BSL cannot be held responsible for structural failures caused by the location of foundations of any form of structure within the influence of exploratory holes.

Where it has not been possible to reasonably use an EC7 compliant investigation technique, a practical alternative has been adopted to obtain indicative soil parameters and any interpretation is based upon engineering experience, local precedent where applicable and relevant published information.

The chemical testing carried out for this report was not scoped to comply with the requirements of the water supply company and further work may be required, unless otherwise stated.

Notwithstanding site observations concerning the presence or otherwise of archaeological issues, asbestos-containing materials (ACM) or invasive weeds (e.g. Japanese knotweed), this report does not constitute a formal survey of these potential issues.

The site plans enclosed in this report should not be scaled off. Any site boundary line depicted on plans does not imply legal ownership of land.

Any recommendations made in this report should be confirmed with the Regulatory Authorities prior to implementation to ensure compliance.

2.0 THE SITE

2.1 Location

The site is located off Mount Road, Gorton, M18 7SU, centred on National Grid Reference 388289, 295020 as shown on the Kellen Homes Site Location Plan presented in the Drawings section of this report.

2.2 Site Description

The main site features and potential issues identified are detailed below and are shown on the Site Features Plan, Drawing No. C5150/02.

Feature	Description
Site Area	Approximately 9.07 hectares.
Site Access	Access to the site is gained off Mount Road to the west of the site. The entrance is located in the northwest corner of the site via a locked gate.
Current Land Use and Site Features	The site as existing is vacant, with no public access, having previously been used as playing pitches until 2019. The site is rectangular in shape with the majority formed of grass land aside from an area of hard standing where the former changing facilities once stood. The former vehicular access is from Mount Road.
Potential Sources of Gross Contamination	No potential sources of gross contamination were identified during the site walkover.
Vegetation	There are sporadic mature/semi-mature trees located along the site boundaries.
Topography	The site is generally flat.
Site Boundaries	The north boundary comprises wooden fence panelling and mesh fencing backing onto gardens and a new housing development. The east boundary currently comprises temporary heras fencing. The south boundary comprises steel palisade fencing. The east boundary is defined by metal mesh fencing.
Surrounding Area	The site is set within a mixed commercial and residential area. The northern boundary of the site sits adjacent to a residential development build by Sedona Homes comprising terraced and semi detached properties, with Mannering Street running in between, separated by fencing. To the east is Wembley Road, which hosts a number of semidetached dwellings. To the west is Mount Road, with Gorton Primary School, Manchester Boxing Centre and Nutsford Vale Park adjacent to the street. To the south lies a footway which connects Mount Road to Wembley Road. Further south is Cedar Mount Academy.

3.0 SUMMARY OF PREVIOUS REPORTS

3.1 BSL Desk Study

A summary of the relevant points from the Desk Study completed by BSL (reference LC/C5150/11494 Rev A) is presented below:

- The site has remained as sports fields/football pitches since 1992, with several pavilion buildings being present in the northwest and west of the site. Currently there are no buildings present on site. Previously to the sports field, the site was undeveloped fields with two ponds located on the north boundary (one off site), although these are no longer present from 1890.
- Potential infilled ponds, allotment gardens, and a clay pit were in close proximity of the site.
- Geology comprises Diamicton Till deposits (Secondary Undifferentiated) over the Chester Pebble Beds Sandstone (Principal Aquifer).
- No faults are within an influencing distance of the site.
- There are no records of shallow mines in and around the site.
- The nearest watercourse is onsite, although likely culverted. It is indicated to enter along the centre of the north boundary and run in a south easterly direction, although no other evidence of this feature is available.
- There is also a ditch directly south of the site.
- The site is located in a Zone 1 floodplain.
- The risk to human health is considered to be moderate/low.
- The risk from ground gas is considered to be high and the site is not located in an area requiring radon protection measures.
- The risk to controlled waters is low.
- The site is located in the UXO moderate risk zone, although following a report commissioned from 1st Line Defence Limited (Report Ref PA16560-00) dated 23rd September 2022, the site was re-assigned a low/minimal risk rating.
- Recommendations were for an appropriate Phase II ground investigation to be carried out to confirm the identified risks and obtain information for preliminary design.

4.0 METHOD OF INVESTIGATION

4.1 Objectives

To confirm the risks to the identified receptors and confirm the ground conditions in respect to the identified geotechnical and geo-environmental risks, an appropriate intrusive investigation was undertaken as per the recommendations of the Phase I Desk Study Assessment.

The aim of the fieldwork was to:

- Investigate ground conditions on the site and the potential need for detailed investigation.
- Install standpipes to allow future monitoring.
- Assess the potential contamination on the site and obtain samples for contamination screening.
- Assess the potential impact of any contamination on controlled waters.
- Obtain geotechnical information on the ground conditions at the site for preliminary foundation design and preliminary pavement design purposes.
- Give an assessment of the geo-environmental risks associated with redevelopment of the site.

4.2 Site Works

The following site works have been undertaken as part of the intrusive investigation between the dates of 10th October and 25th November 2022.

Method	No.	Range Depths (m bgl)	Purpose
Trial pits – JCB 3CX	40	2.20 – 4.00	Establish general ground conditions and gain good coverage. TP06 positioned to target potentially infilled pond.
Window sample boreholes – Tracked WS rig	12	3.35 – 5.45	Establish general ground conditions on site. Allow Standard Penetration Tests (SPTs) to be carried out and obtain samples for contamination and geotechnical and testing. Installation of ground gas and water monitoring wells. WS02 & WS03 positioned to target potentially infilled pond.
LWD tests	17	0.21 – 0.45	Obtain indicative CBR values along approximate highway routes.
Infiltration tests	5	1.60 – 3.00	Obtain infiltration rates for drainage design.

The surveyed locations of the exploratory holes are indicated on the Exploratory Hole Location Plan, Drawing No C5150/03A and B (plan B shows the overlayed proposed layout for. The exploratory hole logs are presented in Appendix B.

The exploratory holes were logged by an experienced geo-environmental engineer in general accordance with the following guidance:

- BS 5930:2015+A1:2020 Code of Practice for Site Investigations.
- BS EN 14688-1:2018 Geotechnical Investigation and Testing – Identification and classification of soil.

4.3 Sampling Strategy

Investigatory hole locations were determined by reference to the conditions identified in the preliminary risk assessment. Certain specific features such as ponds were targeted for specific investigation, but a

reasonably even spacing was used for the remainder of the site. An approximate 30-40m grid was utilised based on BS 10175, Para 7.6.2.5, to ensure adequate site characterisation.

During the drilling and excavation of the exploratory holes, representative samples were taken at regular intervals to assist in the identification of the soils and to allow subsequent laboratory testing. They were stored and transported in general accordance with BS 10175:2011+A2:2017.

The type of sample was dependent upon the stratum and the purpose of analysis in accordance with current environmental and geotechnical guidance.

The distribution of samples taken across the site is recorded on the exploratory logs and a summary of the samples taken is presented in the table below:

Type	Number
Environmental (ES)	73
Disturbed (D)	160

4.4 Laboratory Testing

As part of the initial assessment for potential contamination of the site, selected samples were taken for the purpose of chemical contamination testing.

In the absence of particularly contaminative processes on site and the lack of visual evidence of potential hydrocarbon impaction, representative soil samples were screened for the following general suite of determinands at a UKAS approved laboratory:

Determinand	No of Samples
BSL Default Soil Suite: Arsenic, Cadmium, Chromium (III), Chromium (VI), Copper, Nickel, Mercury, Lead, Zinc, Selenium, speciated polycyclic hydrocarbons (PAH 16), water soluble sulphate (2:1 Extract), soil organic matter (SOM) and pH.	30
Soil Suite A: Arsenic, cadmium, chromium (total and hexavalent), copper, lead, mercury, nickel, selenium, zinc and pH.	10
Petroleum Hydrocarbons (TPH CWG) inc BTEX and MTBE.	5
Asbestos Screen.	10

The Chemical Laboratory Testing Results are presented in Appendix C.

Representative disturbed samples were obtained for all soil types encountered. Selected samples were scheduled for testing at an approved laboratory in accordance with BS 1377 'Method of Test for Soils for Civil Engineering Purposes' and BS EN ISO 17892- Parts 1-12:2018 'Geotechnical investigation and testing. Laboratory testing of soil'.

The following tests were scheduled for geotechnical purposes:

Description	No of Samples
Natural Water Content.	15
Plasticity Index Analysis.	15
pH Value.	10
Water Soluble Sulphate Contents.	10
SD1 BRE Full Suite.	5

The Geotechnical Laboratory Testing Results are presented in Appendix D.

4.5 Monitoring

Ground gas and ground water monitoring standpipes were installed in 11 boreholes and subsequently six monitoring visits were undertaken out of six proposed as part of the current scope. All gas monitoring was undertaken using GFM436 infrared gas meter with integral electronic flow analyser.

Flow measurements on each standpipe (l/hr) were taken. Measurements of the percentage volume in air (%v/v) of oxygen (O_2), carbon dioxide (CO_2) and methane (CH_4) were recorded in addition to the percentage Lower Explosive Limit (%LEL) of methane (Note: 100% LEL equates to 5% by volume), the atmospheric pressure (mb) and average temperature during the visit (°C).

Standpipes were constructed in general accordance with the relevant guidance. A summary of the installation construction is presented in the table below:

Location	Internal Diameter Pipe	Response Zone (m bgl)	Targeted Strata	Purpose
WS01	35mm PVC	1.00 – 5.00	Sandy Gravelly Clay	Ground Gas
WS02	35mm PVC	1.00 – 5.00	Sandy Gravelly Clay	Ground Gas
WS03	35mm PVC	1.00 – 4.00	Sandy Gravelly Clay	Ground Gas
WS04	35mm PVC	1.00 – 5.00	Sandy Gravelly Clay	Ground Gas & Groundwater
WS06	35mm PVC	1.00 – 5.00	Sandy Gravelly Clay	Ground Gas & Groundwater
WS07	35mm PVC	1.00 – 4.00	Sandy Gravelly Clay	Ground Gas
WS08	35mm PVC	1.00 – 2.00	Made Ground	Ground Gas
WS09	35mm PVC	1.00 – 2.00	Made Ground	Ground Gas
WS10	35mm PVC	1.00 – 2.00	Sandy Gravelly Clay	Ground Gas
WS11	35mm PVC	1.00 – 2.50	Made Ground	Ground Gas
WS12	35mm PVC	1.00 – 2.00	Made Ground	Ground Gas

The gas monitoring visits recorded peak and steady state conditions. Peak results are those that occur on opening the valve on the borehole tap. Steady state conditions are those that occur a period of time afterwards when the initial (accumulated) gases have been purged from the borehole.

Final ground gas monitoring results are presented in Appendix E of this report.

5.0 GROUND CONDITIONS

5.1 Summary

A brief summary of the ground conditions encountered is presented in the table below:

Stratum	Range Depths - Top (m bgl)	Range Depths - Base (m bgl)	Range Thickness' (m)	Brief Description
Natural Topsoil	0.00	0.25 – 0.30	0.25 – 0.30	Slightly gravelly clayey SAND.
Made Ground	0.00	0.40 – 2.50	0.40 – 2.50	Sandy GRAVEL.
Natural Superficial Strata	0.25 – 2.20	2.20 – 5.45	1.90 – 5.05	Slightly gravelly slightly sandy CLAY.

Details are provided in the logs in Appendix B and the individual strata are described in the sections below.

5.2 Made Ground

Made Ground – Topsoil
Made Ground Topsoil was encountered across the majority of the site from ground level to between 0.25m and 0.30m bgl, generally comprising dark brown slightly gravelly clayey sand with many rootlets.

For the purpose of this assessment, made ground topsoil (and natural topsoil as below) is defined as the upper darker and more fertile layer of the soil profile which is a product of natural chemical, physical, biological and environmental processes. This does not imply compliance with BS 3882:2015.

Made Ground – General
Made ground was encountered within the majority of the exploratory holes across the site and was observed from ground level to depths between 0.40m and 2.50m bgl.

Hardstanding surfacing of tarmacadam was present in the northwest corner of the site recorded to be 0.03m.

The composition of the made ground was fairly consistent across the site and represented demolition material used as fill comprising sandy gravel with varying amounts of ash, clinker, slag, brick, glass and wood as a minor constituent.

There was no evidence of backfill material in either WS03 or TP06 in the area of the approximate area of the infilled ponds, however this does not rule out their potential presence nearby.

The Made Ground Isopachs (reference C5150/04) provides an indicative display of the areas in which deeper deposits of made ground soils were encountered.

5.3 Natural Topsoil

Natural topsoil was encountered in four exploratory holes (TP06, TP15, TP16 & WS03) from ground level to between 0.25m and 0.43m bgl, generally comprising dark brown slightly gravelly clayey sand with many rootlets, overlying natural glacial deposits.

5.4 Natural Superficial Strata

The natural strata underlying the site was generally firm to stiff clay with varying amounts of sand and gravel as minor constituents. This is interpreted to represent glacial till deposits.

A band soft to firm black clay with an organic odour was encountered in several exploratory holes, which is considered likley to represent a relict topsoil layer. The locations and depths are tabulated below:

Location	Depth of organic clay (m bgl)
WS08	2.10 – 2.40
WS09	2.30 – 2.60
WS10	0.90 – 1.40
TP03	0.70 – 0.45
TP04	0.35 – 0.45
TP07	0.65 – 0.70
TP10	0.80 – 0.90
TP25	2.00 – 2.10
TP27	1.40 – 1.60
TP30	1.90 – 2.20
TP32	1.80 – 2.00
TP34	1.50 – 1.60
TP38	2.10 – 2.40

Gravelly sand was encountered in discrete isolated areas at the following depths and locations within the clay strata:

Location	Depth (m)	Strata
WS04	2.30 – 2.40	Slightly gravelly Sand
WS05	3.00 – 3.30	Slightly gravelly Sand
WS06	1.80 – 2.20	Slightly gravelly Sand
	2.35 – 2.60	Slightly gravelly Sand

5.5 Solid Geology

The solid geology of the Chester Pebble Beds Formation (sandstone) was not encountered in this investigation.

5.6 Groundwater

The depths to groundwater and locations present are shown in the table below:

Location	Depth During Site Works (m)	Depth During Monitoring Period (range) (m)
WS01	N/A	0.35 - 2.12
WS02	N/A	0.60 - 1.88
WS03	N/A	0.60 - 1.39
WS04	2.30	0.48 - 0.83
WS05	3.00	N/A
WS06	2.35	0.58-4.01
WS07	N/A	0.81 - 1.13
WS08	N/A	1.51 - 1.97
WS09	N/A	NGW - 1.97
WS10	N/A	1.24 - 1.45
WS11	N/A	1.26 – 2.04
WS12	N/A	NGW – 1.95

5.7 Observations

Contamination
During the works undertaken by BSL, observations for both visual and olfactory evidence of contamination were undertaken.

With the exception of ash and clinker observed as a minor constituent in the made ground soils, no other evidence of chemical contamination was observed at the site. It should also be noted that glass/sharps were observed in the made ground immediately underlying the topsoil.

Stability of Excavations/Boreholes
The sides of the trial pits were generally stable, however collapsing of the granular made ground was observed in TP24 from 0.70m to 2.20m bgl.

The stiff nature of the clay across the site proved difficult to excavate at depth using a smooth-edged bucket.

The borehole sidewalls were generally stable and window sampling progressed without the need to install casing. Refusals within the window sample holes were noted at depth.

6.0 TEST RESULTS

6.1 Geotechnical Laboratory Testing

Plasticity Index Analysis
Plasticity index results ranged between 24% and 37% indicating the cohesive soils to be of medium to high plasticity. Associated water contents ranged between 18.9% and 40.3%.

After modification of particle size in accordance with NHBC Chapter 4.2 the modified plasticity indices are in the range 21.8% to 36.6% indicating the cohesive soils to be of medium volume change potential.

6.2 Aggressive Ground Conditions – Geotechnical Chemical Testing

The test results for the assessment of aggressive ground conditions are presented in Appendix D. The results are summarised and assessed within Section 8.0 of this report.

6.3 In Situ Geotechnical Testing

In Situ Hand Shear Vane Tests
Hand shear vane tests were carried out on suitable cohesive soils recovered from the trial pits. Each shear vane result recorded represents the mean value of three tests undertaken at the specified depth.

The results and distribution of the hand shear vane tests are recorded in kPa on the Exploratory Hole Logs which are presented in Appendix B.

In Situ Standard Penetration Tests
Standard Penetration Tests (SPTs) were carried out within the window sample boreholes at regular 1.00m intervals. The results of the individual blows and the N-values are recorded on the Exploratory Hole Logs in Appendix B.

All SPT N values are uncorrected. Density and strength descriptors are reported in accordance with the guidelines stated in BS 5930:2015+A1:2020, incorporating requirements of BS EN ISO 14688-1:2002, BS EN ISO 14688-2:2004 and BS EN ISO 14689-1:2003.

Soil Infiltration Test Results
Soil infiltration test tests were undertaken within trial pits at five locations across site, a summary of the results is presented in the table below. These were carried out in general accordance with BRE Digest 365 (BRE 2016) where infiltration rates allow three test runs during a working day (or where there is no infiltration), but where low infiltration rates were encountered the available time may not have been sufficient to fully comply with the BRE test method.

Where less than three tests were possible in a particular location the results provided should be considered as indicative only. Further discussion concerning the suitability of infiltration testing at the site is provided in Section 8.0.

Location	Stratum Type	Depth (m)	Infiltration Rate (m/sec)
SA01	Sl gravelly sl sandy CLAY	1.60	$2.41x10^{-6}$
SA02	Sl gravelly sl sandy CLAY	3.00	$1.91x10^{-6}$
SA03	Sl gravelly sl sandy CLAY	2.00	$6.53x10^{-8}$
SA04	Sl gravelly sl sandy CLAY	2.20	$6.64x10^{-8}$
SA05	Sl gravelly sl sandy CLAY	2.60	$2.06x10^{-7}$

The full test results are presented in Appendix D.

In Situ CBR Testing
The in situ CBR testing results are summarised in the table below:

Method	Location	Stratum Type	Indicative CBR (%)
Lightweight Deflectometer (LWD)	LWD01	MG: Ashy Sand & Gravel	0.7
	LWD02	MG: Ashy Sand & Gravel	0.7
	LWD03	Sandy Clay	0.3
	LWD04	MG: Ashy Sand & Gravel	0.6
	LWD05	MG: Ashy Sand & Gravel	0.3
	LWD06	MG: Ashy Sand & Gravel	0.4
	LWD07	MG: Ashy Sand & Gravel	0.8
	LWD08	MG: Ashy Sand & Gravel	1.1
	LWD09	MG: Ashy Sand & Gravel	1.2
	LWD10	MG: Ashy Sand & Gravel	1.3
	LWD11	MG: Ashy Sand & Gravel	0.9
	LWD12	MG: Ashy Sand & Gravel	1.0
	LWD13	MG: Ashy Sand & Gravel	1.3
	LWD14	MG: Ashy Sand & Gravel	1.0
	LWD15	Sandy Clay	0.5
	LWD16	MG: Ashy Sand & Gravel	1.1
	LWD17	MG: Ashy Sand & Gravel	1.1

The full test results are presented in Appendix D.

6.4 Geo-Environmental Testing

Chemical Laboratory Testing
The chemical test results for soils are presented in Appendix C. The results are summarised and assessed within Section 8.0 of this report.

Ground Gas Monitoring
Ground gas monitoring installations have been monitored on 6 occasions to date out of 6 visits scheduled. The results are presented in Appendix E and are summarised and assessed within Section 8.0 of this report.

7.0 GEOTECHNICAL ASSESSMENT

7.1 Ground Model Summary

The site is currently disused and unoccupied with all previous buildings now demolished. The majority of the site comprises a field (formerly football pitches/playing fields) with an area of hardstanding tarmac in the northwest of the site.

The ground conditions can be summarised as below (top down):

- Made ground generally comprising sandy gravel from ground level to between 0.40m and 2.50mbgl.
- A layer of softer organic clay, assumed to be relict topsoil, was encountered between 0.70 and 2.60m across the site. This band was not found to be more than 0.50m thick, generally 0.30m or less thick.
- Natural superficial deposits generally comprising firm to stiff clay proven to depths between 2.20m and 4.45mbgl.
- Groundwater levels ranging between 2.30m and 3.00m bgl during site works.
- Post site works monitoring levels ranging between 0.35m and 4.01m bgl, where observed. The shallowest groundwater levels were in WS04 & WS07 which are the closest exploratory boreholes to the culverted river.

A potential culverted watercourse is indicated to enter along the centre of the north boundary and runs in a south easterly direction, as below, although no other evidence of this feature is available on historical mapping or other available data; further investigation over the location/presence of the culvert will be required and will need consideration during foundation design if found to be present.



A former pond was present on site in the northwest corner, although no evidence of this was noted during this phase of investigation.

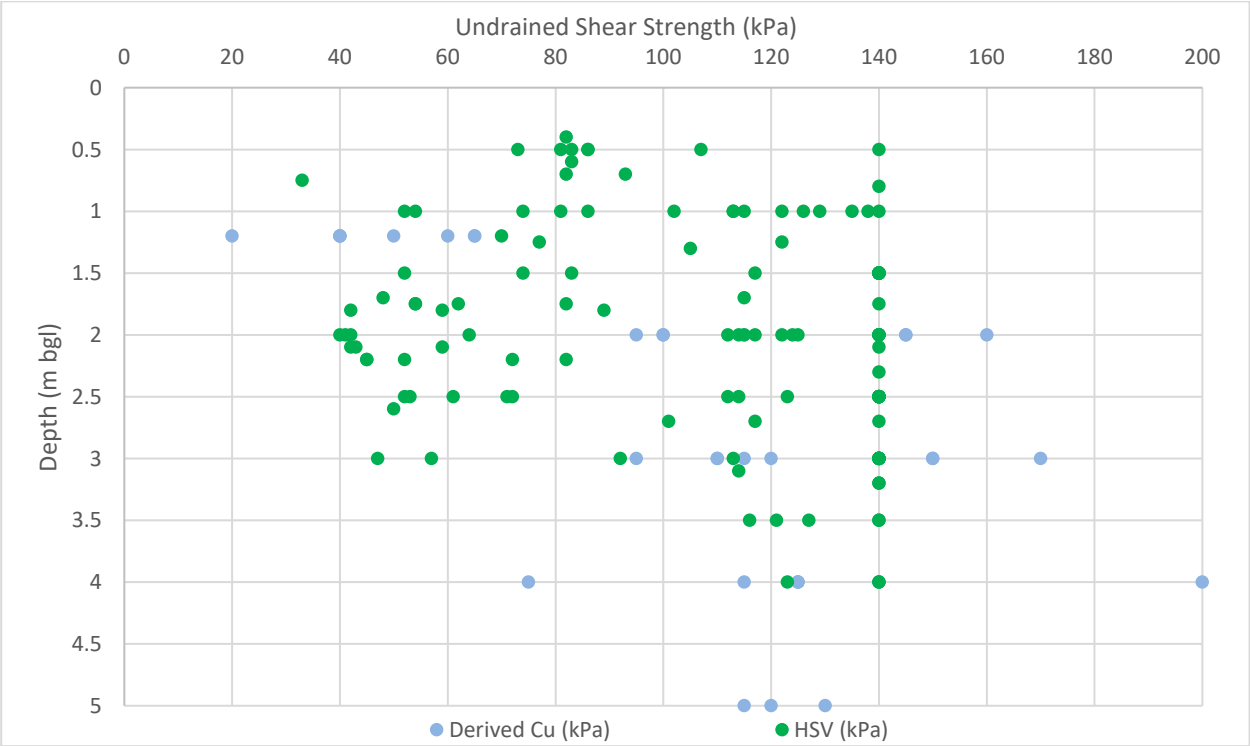
7.2 Design Soil Parameters

The relevant test results from the prior section have been evaluated to derive geotechnical soil parameters for the site in the following section.

Given the inherent variability of the made ground, characteristic values have not been derived for this stratum. Note the made ground was often loose in nature near surface, as reflected by the low CBR values obtained.

For cohesive (fine) soils, the equivalent approximate undrained shear strengths (Cu) have been calculated from the recorded SPT N values, adopting f1 values respectively, based on the correlation of Stroud (1975) and the 'average' plasticity.

A depth (m bgl) vs derived shear strength (Cu) graph is provided below to provide a profile of the cohesive soils underlying the site.



The above graph shows a slight increase in soils strengths as depth increases, although in general the clays are of medium strength and above from the top of this stratum (excluding the relict topsoil layer).

Characteristic Values

Characterisation of the geotechnical parameters above has been undertaken to obtain characteristic values, which are a cautious estimate of the values affecting the occurrence of the limit state.

Minimum founding depths based on the medium volume change potential clays is 0.90m bgl. The characteristic value for undrained shear strength (Cu) in cohesive deposits at 0.90-1.00mbgl is interpreted to be 70kN/m^2 (conservative estimate) increasing to 90kN/m^2 at 2.00mbgl. Note that the made ground is still present at circa 0.90-1.00m bgl in many locations and present in excess of 2.00m bgl in some locations (see drawing C5150/04). Made ground appears to be shallowest in the north-eastern area.

7.3 Foundations

The development will comprise traditional two storey residential housing and is considered to be classed as Geotechnical Category 2 in accordance with Eurocode 7.

Preliminary design by calculation has been undertaken to determine the design resistance of the bearing strata in the following section. No proposed structural loads were available at the time of writing, therefore the following recommendations are provisional and should be reviewed at the detailed design stage. However, for the purpose of this assessment a typical load of 50kN has been assumed per storey.

Shallow Foundations – Strip / Trench Fill

Where the made ground is shallower in the northern half of the site, the most suitable foundations for the proposed residential homes are considered to be strip / trench fill foundations taken through the made ground and below the identified soft organic clays, founding at a minimum depth of 0.90m bgl, based on the medium volume change potential clays and deepened near trees and hedges in accordance with NHBC Chapter 4.2. Where footings are placed below the minimum founding depths, they should extend a minimum of 100mm into the specified bearing stratum.

At 0.90m bgl, an allowable bearing capacity not exceeding 140kN/m^2 may be assumed. At 2.00m bgl an allowable bearing capacity not exceeding 180kN/m^2 may be assumed. This adopts a factor of safety of 3 which should limit settlements to within acceptable limits.

Trees are noted within and close to the area of the site proposed for development, particularly near the edges of the site. Depending on their size, type and maturity, the required depth of founding based on the recommendations of NHBC Chapter 4.2 may exceed 2.5m. Should this prove to be the case, then piled foundations should be considered as a potentially more economical solution, unless it can be proven that the soils are not desiccated.

Note where foundations require deepening to greater than 2.5m below ground level, they must be designed by an engineer, as specified in NHBC Technical Requirement R5.

General Advice for Shallow Foundations

The bearing stratum should be inspected for 'soft spots' within the natural clay strata, resulting for instance from localised groundwater perched within the overlying fill materials. If soft soils are encountered, then foundations will need to be deepened to found on suitable strata. The stratum should also be inspected for 'hard spots" which may require removal.

If the ground conditions encountered during the construction phase differ significantly to the conditions encountered during construction, work should cease and BSL contacted for further advice.

During the construction phase supervision should be on a continuous basis to check the design assumptions are correct and construction conforms to design. Supervision should include inspections, Control Ground Investigations and monitoring.

Ground improvement

Where deeper made ground deposits are present in the southern half of the site, alongside the softer organic deposits, to depths in excess of 2.00m bgl, ground improvement by vibro improvement methods (e.g. VSCs) should be considered. This will create stiffened columns upon which to help spread the building loads and thus minimise differential settlement. The vibro stone columns would need to penetrate through the made ground and underlying any soft cohesive natural strata, down to a competent horizon.

Note that highly organic soils are considered unsuitable for VSCs and an appropriate contractor should be contacted to confirm suitability; dependant on requirements some form of excavation and re-engineering may be required for the organic soils to make this method viable.

Following ground improvement, pad foundations could be used bearing onto the improved ground over the VSCs. Typically, allowable bearing capacities of the order of 150kN/m^2 – 200kN/m^2 can be achieved, keeping total and differential settlements within tolerable limits, although this should be discussed with specialist VSC contractors.

On completion of the vibro treatment works, in-situ testing should be carried out to confirm the treatment meets the bearing capacity and deformation criteria for construction. Further guidance is provided in BRE 391 "Specifying vibro stone columns".

Alternatives
As an alternative to vibro improvement, a piled solution may also be adopted and may prove more economical where trees affect foundation depths.

Working Platform
Prior to the commencement of any penetrative works (piling/vibro), a working platform will be required for tracked plant. This should be designed and installed in accordance with BR470 (BRE 2004) based on the plant requirements, data and rig loadings.

7.4 Building Near Trees

The clay soils on site are medium volume change potential. Where foundation excavations encounter cohesive strata in the vicinity of existing, proposed or recently removed trees, foundations should be adjusted in full accordance with NHBC Standards Chapter 4.2. All foundations should be deepened below roots of greater than 5mm diameter during excavations for footings.

A survey of all trees and hedges on the site and within influencing distance of the site boundary should be undertaken to identify tree species and heights by a qualified arboriculturist in accordance with BS 5837:2012 and NHBC Standards. This information will be required in order to assess the effects of trees on the cohesive strata.

Where foundation depths due to trees already present or recently removed exceeds 1.50m, there is a possibility for heave to occur on removal of the tree and guidance states that compressible material or void former is required against the inside face of the foundation, unless it can be satisfied that the soil is not desiccated.

7.5 Floor Slabs

Given the thickness of made ground present (generally >600mm), suspended floor slabs should be adopted at the site in accordance with NHBC standards. The required void size for beneath floor slabs on this site is 250mm based on the medium volume change potential clays.

The final floor slab design should be of sufficient thickness and sufficiently reinforced to accept the envisaged applied loads, without unacceptable total or differential movement.

7.6 Site Preparation and Construction

Topsoil and subsoil should be removed from beneath all buildings and hardstanding areas.

The presence of the culvert and any other live services on site will require consideration during construction works.

Instability of excavations through natural soils is not anticipated provided they are not exposed to adverse weather conditions for any substantial period of time. Instability of the made ground should be allowed for. All excavations should be carried out in accordance with CIRIA Report 97 'Trenching Practice'.

Excavation depths should generally be readily achieved using conventional plant (JCB or similar) although high specification plant (tracked 360^{o} or similar) is recommended to maintain the build programme.

To protect against the effects of heave, new drainage should be designed to take account of potential ground movement, including where pipes and services which pass through substructure walls or foundations. The volume change potential on this site is medium and the potential ground movements that need to be considered for design are 100mm.

Recorded post site works groundwater levels ranged between 0.35m and 4.01m bgl. It is considered likely that groundwater will be encountered within likely excavation depths. Based on the exploratory hole logs and monitoring, it is considered that methods such as sump pumping are likely to be sufficient to deal with anticipated flows. Further guidance is provided in CIRIA C750 "Groundwater Control: Design and Practice". It should be noted that groundwater levels will vary seasonally, and the timing of construction may influence requirements.

7.7 Concrete Classification

The soluble sulphate and Ph test results have been assessed in accordance with BRE Special Digest 1 "Concrete in aggressive ground" 2005. The Design Sulphate (DS) classification and the Aggressive Chemical Environment for Concrete (ACEC) classification are presented in the table below.

For the purposes of this assessment, the groundwater has been classified as static given the site is underlain by low permeability deposits.

Stratum	No. Samples	Characteristic SO_4 (g/l)	Characteristic pH	DS Class	ACEC Class
Made Ground	35	0.84	6.3	DS2	AC-1s
Natural Superficial Strata	15	0.30	6.4	DS1	AC-1s

Based on the above, the results of laboratory pH and sulphate content, alongside the BRE full suite tests, indicate that the made ground soils sulphate class DS-2 and ACEC Class AC-1s conditions prevail in accordance with BRE Special Digest 1 "Concrete in aggressive ground" 2005.

Based on the above, the results of laboratory pH and sulphate content, alongside the BRE full suite tests, indicate that the natural soils class DS-1 and ACEC Class AC-1s conditions prevail in accordance with BRE Special Digest 1 "Concrete in aggressive ground" 2005.

The specific concrete mixes (the Design Concrete Class) to be used on site will be determined by the site-specific concrete requirements in terms of the durability and structural performance. These are assessed in terms of the Structural Performance Level (SPL) and any need for Additional Protective Measures (APM) detailed in Part D of BRE Special Digest 1 with further guidance in Pt E and F.

7.8 Highways

Based on the test results, equilibrium CBR values of <2% should be assumed within the made ground and natural clays soils for pavement design purposes, unless proven otherwise by in-situ testing at formation level by a specialist geotechnical engineer.

Where the CBR is found to be less than 2%, the sub-grade is unlikely to be suitable for both the trafficking of site plant and as a permanent highway foundation without improvement of the soils.

To achieve the required design CBR value, improvement works should be carried out in accordance with DMRB IAN 73/06 Rev 1 Chapter 5 and may include proof rolling, excavation and re-engineering / replacement of weaker soils, the inclusion of a geogrid or use of stabilisation techniques such as the addition of hydraulic binders (e.g. cement/lime).

Based on the fines content of the soils, they are considered to be frost susceptible, therefore highway construction should be a minimum thickness of 450mm to mitigate against the risk.

Care should be taken to ensure the stratum at formation level is protected against inclement weather, as this is likely to lead to surface deterioration and a decrease in soils strengths.

7.9 Sustainable Drainage Systems (SUDS)

The use of soakaways within the natural ground is not considered to be feasible at the site due to the low infiltration rates obtained (on the order of 1.91×10^{-6} m/s) and the presence of low permeability cohesive strata underlying the site.

8.0 GEO-ENVIRONMENTAL RISK ASSESSMENT

8.1 Introduction

The samples were tested for an assessment of the chemical contamination that may pose a risk to human health. The results were examined with reference to a selection of guidance documents as detailed in Appendix A. In this case the LQM/CIEH S4ULs and DEFRA C4SLs for a residential end use with homegrown produce have been adopted as Tier 1 generic screening values.

The apparent exceedance of the relevant screening value is taken as indicating further detailed assessment or remedial action is required.

A summary assessment sheet is presented in Appendix C alongside the chemical test results. Results are discussed in detail in the sections below.

8.2 Soils Test Results and Risk Assessment – Human Health

Metals
The following elevated metals were detected:

Exploratory Hole	Depth (m)	Metal	Concentration (mg/kg)	Adopted Screening Value (mg/kg)	Strata
WS03	0.10-0.20	Arsenic	53	37	Topsoil
WS04	0.30-0.50	Arsenic	120	37	Made Ground
WS05	0.30-0.60	Arsenic	190	37	Made Ground
WS06	0.30-0.60	Arsenic	180	37	Made Ground
WS07	0.40-0.60	Arsenic	130	37	Made Ground
WS08	0.30-0.60	Arsenic	160	37	Made Ground
WS09	0.30-0.60	Arsenic	140	37	Made Ground
WS11	0.20-0.40	Arsenic	140	37	Made Ground
WS12	0.30-0.60	Arsenic	160	37	Made Ground
TP06	0.10-0.20	Arsenic	39	37	Topsoil
TP07	0.30-0.60	Arsenic	140	37	Made Ground
TP08	0.30-0.40	Arsenic	210	37	Made Ground
TP10	0.30-0.60	Arsenic	170	37	Made Ground
TP11	0.10-0.20	Arsenic	67	37	Made Ground Topsoil
TP12	0.30-0.45	Arsenic	130	37	Made Ground
TP13	0.30-0.60	Arsenic	140	37	Made Ground
TP14	0.30-0.60	Arsenic	190	37	Made Ground
TP17	0.30-0.60	Arsenic	240	37	Made Ground
TP20	0.30-0.60	Arsenic	180	37	Made Ground
TP21	0.30-0.60	Arsenic	190	37	Made Ground
TP23	0.30-0.60	Arsenic	120	37	Made Ground
TP24	0.10-0.20	Arsenic	48	37	Made Ground Topsoil
TP25	0.30-0.60	Arsenic	190	37	Made Ground
TP27	0.30-0.60	Arsenic	150	37	Made Ground
TP28	0.30-0.60	Arsenic	190	37	Made Ground
TP29	0.30-0.60	Arsenic	180	37	Made Ground
TP30	0.10-0.20	Arsenic	45	37	Made Ground Topsoil
TP31	0.30-0.60	Arsenic	130	37	Made Ground
TP32	0.30-0.60	Arsenic	120	37	Made Ground
TP34	0.30-0.60	Arsenic	210	37	Made Ground
TP35	0.30-0.60	Arsenic	180	37	Made Ground

Exploratory Hole	Depth (m)	Metal	Concentration (mg/kg)	Adopted Screening Value (mg/kg)	Strata
TP36	0.30-0.60	Arsenic	170	37	Made Ground
TP37	0.30-0.60	Arsenic	140	37	Made Ground
TP40	0.30-0.60	Arsenic	130	37	Made Ground
TP29	030-0.60	Copper	2700	2400	Made Ground
WS01	0.10	Lead	520	200	Made Ground Topsoil
WS03	0.10-0.20	Lead	390	200	Topsoil
WS04	0.30-0.50	Lead	3500	200	Made Ground
WS05	0.30-0.60	Lead	350	200	Made Ground
WS06	0.30-0.60	Lead	580	200	Made Ground
WS07	0.40-0.60	Lead	1700	200	Made Ground
WS08	0.30-0.60	Lead	640	200	Made Ground
WS09	0.30-0.60	Lead	1400	200	Made Ground
WS10	0.10-0.20	Lead	390	200	Made Ground Topsoil
WS11	0.20-0.40	Lead	980	200	Made Ground
WS12	0.30-0.60	Lead	700	200	Made Ground
TP05	0.10-0.20	Lead	220	200	Topsoil
TP06	0.10-0.20	Lead	370	200	Topsoil
TP07	0.30-0.60	Lead	990	200	Made Ground
TP08	0.30-0.40	Lead	1700	200	Made Ground
TP10	0.30-0.60	Lead	1700	200	Made Ground
TP11	0.10-0.20	Lead	1300	200	Made Ground Topsoil
TP12	0.30-0.45	Lead	980	200	Made Ground
TP13	0.30-0.60	Lead	1100	200	Made Ground
TP14	0.30-0.60	Lead	580	200	Made Ground
TP15	0.10-0.20	Lead	260	200	Topsoil
TP17	0.30-0.60	Lead	1600	200	Made Ground
TP20	0.30-0.60	Lead	610	200	Made Ground
TP21	0.30-0.60	Lead	640	200	Made Ground
TP23	0.30-0.60	Lead	840	200	Made Ground
TP24	0.10-0.20	Lead	960	200	Made Ground Topsoil
TP25	0.30-0.60	Lead	1200	200	Made Ground
TP27	0.30-0.60	Lead	660	200	Made Ground
TP28	0.30-0.60	Lead	800	200	Made Ground
TP29	0.30-0.60	Lead	760	200	Made Ground
TP30	0.10-0.20	Lead	500	200	Made Ground Topsoil
TP31	0.30-0.60	Lead	1600	200	Made Ground
TP32	0.30-0.60	Lead	910	200	Made Ground
TP34	0.30-0.60	Lead	1200	200	Made Ground
TP35	0.30-0.60	Lead	960	200	Made Ground
TP36	0.30-0.60	Lead	790	200	Made Ground
TP37	0.30-0.60	Lead	1300	200	Made Ground
TP40	0.30-0.60	Lead	1600	200	Made Ground
WS01	0.10	Mercury	1.4	1.2	Made Ground Topsoil
TP08	0.30-0.40	Mercury	4.8	1.2	Made Ground
TP11	0.10-0.20	Mercury	2.1	1.2	Made Ground Topsoil
TP12	0.30-0.45	Mercury	6.8	1.2	Made Ground
TP24	0.10-0.20	Mercury	4.1	1.2	Made Ground Topsoil
TP30	0.10-0.20	Mercury	2.0	1.2	Made Ground Topsoil
TP37	0.30-0.60	Mercury	8.9	1.2	Made Ground
WS08	0.30-0.60	Nickel	140	130	Made Ground
TP17	0.30-0.60	Nickel	140	130	Made Ground

In respect to mercury, seven out of forty samples demonstrated marginally elevated levels above the LQM/CIEH S4UL for elemental mercury. The results showed an average exceedance of 3.5mg/kg above the generic assessment criteria of 1.2mg/kg for residential end-use. However, the generic assessment criteria are based on the S4ULs, which for mercury can be further subdivided into its elemental, inorganic, and methyl forms; laboratory testing only identifies the total mercury concentration (without specifying which form).

However, it is considered unlikely that mercury present in the topsoil or made ground exists as elemental mercury, which is liquid at room temperature and very volatile at low temperatures, any elemental mercury is likely to have dissipated as a vapour. Given the history of the site, it is considered much more likely that the elevated levels of mercury observed in the topsoil and made ground exist in the inorganic (GAC - 40mg/kg) or methyl forms (GAC - 11mg/kg), for which the S4ULs have not been exceeded. Nevertheless, other exceedances have still been identified in the same soils which pose a risk to site end users.

Asbestos
No asbestos fibres have been detected in any of the 10 samples screened. No visual evidence of asbestos has been noted, where works were carried out by an engineer holding NLW CAT B asbestos training.

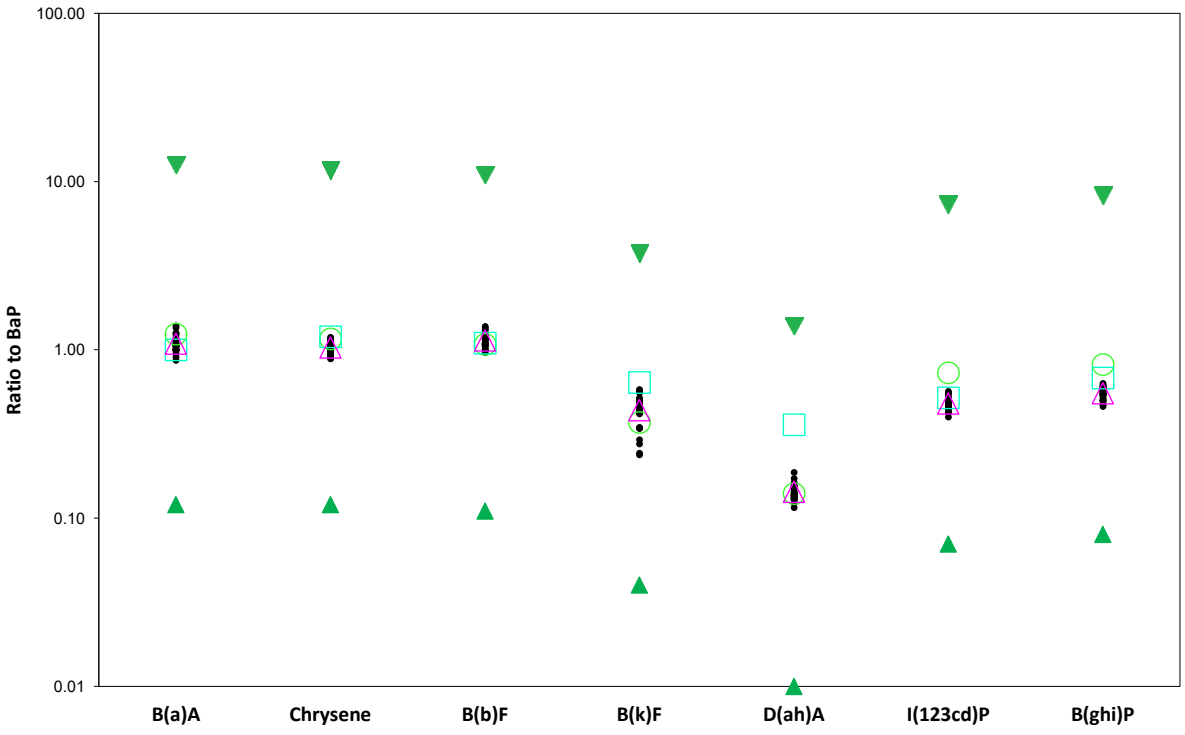
Poly Aromatic Hydrocarbons (PAHs)
BSL consider the main risk drivers for PAHs to be benzo(a)pyrene (B(a)P) and naphthalene. This is due to B(a)P being one of the most toxic of the PAHs, and naphthalene the most volatile and soluble. Category 4 Screening Levels (C4SLs) indicate B(a)P as a surrogate marker for carcinogenic PAHs, if it falls within appropriate limits, since the risk from other non-carcinogenic PAHs are considered negligible. Given the difference in chemical properties between the two, naphthalene will be treated separately using the LQM S4ULs.

PAHs and B(a)P as a Surrogate Marker
In line with CL:AIRE and Public Heath England (PHE) guidance, benzo(a)pyrene is considered to be one of the most potent PAHs, and it would be appropriate to assume the cancer risk in a mixture is proportional to the concentration of a surrogate marker PAH (benzo(a)pyrene) in the mixture. The ratio of PAHs within the mixture can be assessed to ensure that the profile is similar to that seen for the test material (coal tar mixtures) in the toxicological study by Culp et al. The International Programme on Chemical Safety (IPCS) considered that the PAH profile of the soil sample may deviate from the average profile by about an order of magnitude (up or down).

A more recent study by Bull et al (2013) which analysed PAH concentrations in soil samples from 274 sites, showed that the levels of PAH relative to B(a)P showed little variability and were similar to that recorded for the coal tar mix used in the Culp et al study. Given this, it was concluded that benzo(a)pyrene is a suitable surrogate marker to represent mixtures of PAH in soil.

In order to risk assess the PAH mixture in the site soil samples using human health guideline values, notably C4SLs, the PAH profile in the soil samples, the ratio of the seven genotoxic PAHs shown below, relative to B(a)P, should be calculated to ensure it is similar to the test material used in the Culp study (PHE 2010). To be considered sufficiently similar, the ratio relative to B(a)P should fit within the upper and lower limits (representing an order of magnitude above and below the mean ratio to B(a)P of test material used in the Culp et al study). In such cases B(a)P is considered an adequate surrogate marker and the Low Levels of Toxicological concern (LLTC) for B(a)P may be used in the risk assessment.

The graph below summarises the site data with respect to how the ratios of carcinogenic PAHs relate to B(a)P, within the confidence limits provided in the PHE documents.



Key:

- Ratio to B(a)P for all data
- Mean ratio to B(a)P from all data at the site
- Upper and Lower limits (order of magnitude from Culp data)
- Mean ratio to B(a)P for Culp data
- Mean ratio to B(a)P for UK data presented by PHE

All the data points that could be used to calculate ratios fall inside the upper or lower limits (order of magnitude above or below that of the study material). Based on this distribution of data it is considered that B(a)P can be used as a surrogate marker for carcinogenic PAHs and the C4SL criteria is suitable for this dataset.

Based on the above, elevated PAHs were recorded in numerous locations. The location(s) and elevated species of PAH's are shown in the table below:

Exploratory Hole	Depth (m)	Species	Concentration (mg/kg)	Adopted Screening Value (mg/kg)	Strata
WS01	0.10	Benzo(a)pyrene	56.0	5.0	Made Ground Topsoil
WS02	0.25-0.35	Benzo(a)pyrene	8.1	5.0	Made Ground
WS03	0.10-0.20	Benzo(a)pyrene	7.1	5.0	Topsoil
WS04	0.30-0.50	Benzo(a)pyrene	14.0	5.0	Made Ground
WS06	0.30-0.60	Benzo(a)pyrene	20.0	5.0	Made Ground
WS07	0.40-0.60	Benzo(a)pyrene	18.0	5.0	Made Ground
WS08	0.30-0.60	Benzo(a)pyrene	21.0	5.0	Made Ground
WS09	0.30-0.60	Benzo(a)pyrene	66.0	5.0	Made Ground
WS10	0.10-0.20	Benzo(a)pyrene	87.0	5.0	Made Ground Topsoil
WS11	0.20-0.40	Benzo(a)pyrene	37.0	5.0	Made Ground
WS12	0.30-0.60	Benzo(a)pyrene	130.0	5.0	Made Ground
TP05	0.10-0.20	Benzo(a)pyrene	71.0	5.0	Topsoil
TP07	0.30-0.60	Benzo(a)pyrene	20.0	5.0	Made Ground
TP08	0.30-0.40	Benzo(a)pyrene	13.0	5.0	Made Ground
TP10	0.30-0.60	Benzo(a)pyrene	23.0	5.0	Made Ground
TP12	0.35-0.45	Benzo(a)pyrene	16.0	5.0	Made Ground

Exploratory Hole	Depth (m)	Species	Concentration (mg/kg)	Adopted Screening Value (mg/kg)	Strata
TP13	0.30-0.60	Benzo(a)pyrene	48.0	5.0	Made Ground
TP15	0.10-0.20	Benzo(a)pyrene	6.0	5.0	Topsoil
TP17	0.30-0.60	Benzo(a)pyrene	14.0	5.0	Made Ground
TP21	0.30-0.60	Benzo(a)pyrene	33.0	5.0	Made Ground
TP23	0.30-0.60	Benzo(a)pyrene	35.0	5.0	Made Ground
TP25	0.30-0.60	Benzo(a)pyrene	5.2	5.0	Made Ground
TP27	0.30-0.60	Benzo(a)pyrene	26.0	5.0	Made Ground
TP29	0.30-0.60	Benzo(a)pyrene	7.4	5.0	Made Ground
TP30	0.10-0.20	Benzo(a)pyrene	130.0	5.0	Made Ground Topsoil
TP32	0.30-0.60	Benzo(a)pyrene	30.0	5.0	Made Ground
TP36	0.30-0.60	Benzo(a)pyrene	120.0	5.0	Made Ground

* Based on Soil Organic Matter content

Total Petroleum Hydrocarbons (TPH CWG)
No petroleum hydrocarbons have been identified above the adopted screening criteria.

BTEX and MTBE
No BTEX or MTBE compounds have been identified above the adopted screening criteria.

8.3 Summary – Human Health Risk Assessment

Based on the testing and assessment undertaken it would appear that there is pervasive contamination within the natural topsoil, made ground topsoil and made ground in the form of heavy metals and PAHs.

It should also be noted that there are still numerous exceedances in heavy metals and PAHs when the chemical testing results are compared against Public Open Space (POS) park screening values as would be applicable for the proposed sports pitches area in the west.

The above pose a risk to human health and will require further consideration.

8.4 Controlled Waters Risk Assessment

Based on the investigation works undertaken to date and subject to agreement with the Environment Agency, the site is not considered to pose a significant risk to controlled water for the following reasons:

- There is no indication under present conditions of pollution of controlled waters and conditions following development of the site will not be any worse, indeed they may improve with increased hard cover and water retaining imported garden soils.
- No significant mobile contamination has been identified on site in soils based on the results obtained as a potential indicator of groundwater contamination.
- The site is underlain by very low permeability clays as proven by the infiltration testing which will inhibit lateral and vertical contaminant migration. There is believed to be over 30m of low permeability clay above the bedrock aquifer based on wider area BGS boreholes.
- The site does not lie within 500m of an SPZ.
- There are no groundwater abstractions within 1700m.
- There are no potable (sensitive) water abstractions within 2000m.

8.5 Permanent Ground Gas and Vapours Results

Six ground gas monitoring visits have been carried out between the dates of 28th October 2022 and 3rd January 2023. Results are summarised in the table below:

	CH_4 (%)		CO_2 (%)		O_2 (%)		CO (ppm)		H_2S (ppm)		Steady Flow (l/hr)	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
Peak	0.0	0.1	0.0	3.9	10.4	22.2	0.0	10.00	0.0	0.0	-21.1	100.2
Steady	0.1	0.1	0.1	2.3	17.1	21.3					0.1	0.1

Notes: CH_4 = Methane; CO_2= Carbon dioxide; O_2= Oxygen; CO= Carbon Monoxide; H_2S= Hydrogen Sulphide; ppm= Parts Per Million.

The highest carbon dioxide concentration was recorded within WS02 (3.9% v/v) on the final monitoring visit, whilst methane was not recorded above the limit of detection (<0.01% v/v) on any of the visits. The maximum peak flow of 100.2 l/hr was recorded in WS01 on the first visit. Steady flows were not recorded above 0.1 l/hr in any of the installations during the monitoring period.

The atmospheric pressure ranged between 980mb and 1003mb over the monitoring period, of which visits were conducted over falling and raising pressure trends.

Groundwater levels were recorded above the response zones in several holes across the monitoring period.

8.6 Ground Gas Risk Assessment

In order to assess the ground gas situation and the requirement for ground gas precautionary measures at the site, guidance was taken from CIRIA C665 'Assessing risks posed by hazardous ground gases to buildings' and BS8485:2015+A1:2019 'Code of Practice for the design of protective measures for methane and carbon dioxide ground gases for new buildings'.

Rationale for Ground Gas Monitoring
In summary, the historical map evidence indicates that the site has remained as sports fields / football pitches since 1922. Several small buildings have been present across the site. The surrounding area is predominantly residential, however historically multiple ponds existed in close proximity to the site which are presumed to be infilled. Additionally, a large clay pit was present to the west of the site (later in use as a landfill).

Potential on-site and off site gas sources have been identified associated with potentially infilled ponds, made ground and nearby landfills. There is one BGS recorded landfill listed as being 305m west of the site at Matthews Lane. This site is also listed as an EA historical landfill extending to 97m west of the site and accepting inert, industrial, commercial, household, special and liquid sludge waste between 1969 and 1978. The Matthews Lane landfill site is located at the above-referenced clay pit. Other historical landfill sites were recorded at Pink Bank Lane 244m northwest, accepting inert, commercial and household waste in 1981, and at Levenshulme Trading Estate 333m south accepting industrial and special waste.

Potentially viable linkages are considered to exist and the preliminary CSM within the Phase I Desk Study considered these sources to be of high risk. In accordance with BS8576 and CIRIA C665, the gas generation potential is considered to be high (associated with the nearby landfill). The sensitivity of the development is high on account of the proposed residential use. Current guidance indicates that gas monitoring should comprise 24 visits over a 12-month period, however within the desk study, it was recommended that ground gas monitoring should comprise an initial 6 visits over a 3 month period to provide an initial assessment of the ground gas regime, with a view to undertaking further monitoring if required. We also stated that consideration should also be given to entering discussions with the Local Authority to see if they have further records relating to the landfill.

Recent ground investigations have now confirmed much of the site is underlain by shallow made ground (no significant putrescibles), in turn underlain by stiff to very stiff clay of substantial thickness which would

prevent any long distance migration of ground gases from wider area sources (BGS boreholes in the wider area suggest circa 28m of superficial clays above the sandstone of the Chester Pebble Beds Formation). Minor sand bands are present, but these appear to be saturated (thus decreasing gas storage/transmission potential). Soakaway tests have revealed low permeabilities (on the order of 10^{-6} m/s).

To date 6 No. ground gas monitoring visits have been carried, including 5 No. under falling pressure events, which have not revealed any significant concentrations of gas or significant gas flow rates. Methane remained generally below the limits of detection (<0.1% v/v), whilst a maximum peak carbon dioxide reading of 3.9% v/v was recorded on a single occasion. Results are generally very consistent. Groundwater generally remained below response zones, but is also considered to be perched as opposed to an actual groundwater table. A thin layer of what appears to be relict topsoil has been identified within/below the made ground in a number of locations, but installation response zones either straddle or are present just above this material and have not recorded any significant gas emissions (WS08-10). No significant volatile vapours have been identified and the site does not lie in a radon affected area.

Based on the above, BSL consider that no further ground gas monitoring would be required in this instance and the existing dataset is suitable for assessment based on the following rationale:

- The existing made ground on site is predominantly granular in nature, but with no significant putrescible matter.
- The site and wider area is largely underlain by low permeability clays which will limit ground gas migration from off site sources.
- There are no significant on site viable storage reservoirs for large volume of ground gas to accumulate.
- Ground gas results to date do not show any significant elevations or flows that could be attributed to landfill gas migration from an off site source.
- We believe the dataset is comprehensive and captures the 'worst case' scenario of atmospheric conditions at the site.
- Carrying out additional monitoring, whilst this would clearly produce a larger dataset, would not necessarily add any value to the existing dataset which includes monitoring during worst case conditions. I've included a snippet below from CIRIA C665 which highlights the importance of placing emphasis on capturing 'worst case' conditions, rather than a frequency or number of visits.
- BS8576 states that gas monitoring should be continued until it is unlikely that any additional data will change the outcome of the risk assessment or mitigation design; in this instance it is considered that additional monitoring would not change the outcome of the assessment, as the site has been monitored under what are considered to be "worst case" conditions on a number of occasions.
- CL:AIRE TB17 Ground Gas Monitoring and 'Worst-Case' Conditions states "Where barometric pressure is the only driver for gas concentration and flow a relatively short period of monitoring may be appropriate to cover 3 or 4 critical pressure drops" – based on the CSM, groundwater and temperature fluxes are not considered to be an important driver (GW is considered to be perched), neither is groundwater chemistry, and the site has been monitored under falling condition on 5 No. occasions.
- Furthermore, we would cite CL:AIRE RB17 guidance which states *"Many housing developments have block and beam suspended floor slabs with a ventilated underfloor void (these are the preferred type of construction for geotechnical and/or cost reasons in many areas). The void provides good protection against ground gas ingress and when designed and constructed correctly it dilutes any gas being emitted from the ground to acceptable levels. The minimum level of ventilation required to deal with condensation is capable of dealing with quite onerous ground gas regimes. For a typical residential property up to 8m wide the minimum ventilation to the void of 1500mm2/metre of wall will provide adequate dilution of gas (equilibrium concentration of,0.25% v/v) up to a Gas Screening Value of 3.5l/h (Wilson and Card - Characteristic Situation 3 or NHBC - Amber 2). Thus many buildings will already have an inherent level of gas protection provided in their construction and this can be taken into account when determining whether gas monitoring is likely to be required"*.

BSL subsequently contacted Manchester City Council (MCC) via email on 4th January 2023 to gain approval of the above rationale. A response was received on 9th January 2023 from Rebecca Twigg-Purcell of MCC Environmental Protection Team, which stated:

"The nearby landfills as Matthews Lane landfill has been monitored within the last few years and is not known to be gassing off-site, and the Pink Bank Lane landfill is at a sufficient distance to not pose a potentially significant gas migration risk to the enquiry site and proposed end use.

With respect to the adequacy of ground gas monitoring on the enquiry site, the rationale that no further monitoring is required for the assessment of risks to the proposed residential development is accepted".

Assessment
As the proposed end-use is for low rise residential, guidance dictates that the gas monitoring results should be assessed in accordance with the Boyle and Witherington methodology.

The Boyle and Witherington methodology uses the concept of a Gas Screening Value (GSV) which is derived using the following equation: (max gas concentration / 100) x maximum flow.

A maximum positive steady flow of 0.1l/hr has been used to derive the GSVs, alongside the maximum identified ground gas concentrations. The GSV's for the site are presented below.

Gas	GSV (l/h)	Typical Threshold Concentration Exceeded	Classification
Methane	0.001	No	Green
Carbon Dioxide	0.004	No	Green

The GSVs place the site the site into Green classification of the Boyle and Witherington Traffic Light System as outlined in CIRIA C665, therefore no ground gas mitigation measures are required.

8.7 Potable Water Supply

The level of protection for the clean potable water supply pipes should be determined using the local water company risk assessment criteria in accordance with UKWIR.

8.8 Qualitative Risk Assessment

The CSM has been revised based on the findings of the site investigation and laboratory testing results and these are presented overleaf. Unless stated otherwise, in respect to off-site sources, only risks that are assessed as moderate and above within the preliminary CSM have been carried forward to this section, or where a previously unidentified potential source, pathway and / or receptor has been identified from the recent site works.

Human Health						
Potential Source	Potential Pathway	Potential Receptor	Likelihood	Severity	Level of Risk	Justification
On site Made ground Metals, PAH's / organic contamination, asbestos	Root uptake, ingestion, direct contact, inhalation of dusts	End-users	Likely	Medium	Moderate	Made ground was found to be widespread across the site, varying in thickness but consistent in composition. Pervasive heavy metal and PAH contamination has been identified within the topsoil, made ground and made ground topsoil. The risk is considered to be moderate given the number of exceedances that have been identified and mitigation will be required.
	Migration into/chemical attack of water supply pipelines	Water Pipelines / End users	Low Likelihood	Medium	Moderate / Low	Identified contaminants within the soil could potentially attack the clean potable water supply pipe. Therefore, the contaminants should be assessed to determine the correct pipe material and level of precautions required.
On site Made ground Ground Gas (carbon dioxide and methane)	Migration into confined spaces, inhalation and asphyxiation/ explosion	End-users / property / structures	Unlikely	Medium	Low	The installations with response zones located within the made ground soils have not had any significant ground gases detected in any of the monitoring visits. Gas monitoring results place the site in the Green classification of the NHBC Traffic Light system. The risk is considered to be low.
Off Site Clay Pit / Landfills Ground Gas (carbon dioxide and methane)	Migration into confined spaces, inhalation and asphyxiation/ explosion	End-users / property / structures	Unlikely	Medium	Low	Information provided by the Local Authority has revealed the off site landfills are not known to be gassing offs-site. Gas monitoring results place the site in the Green classification of the Boyle & Witherington Traffic Light system. The risk is considered to be low

Controlled Waters						
Potential Source	**Potential Pathway**	**Potential Receptor**	**Likelihood**	**Severity**	**Level of Risk**	**Justification**
Made Ground / Possible Tanks PAHs, TPHs, Metals	Overland flow, / migration through saturated zone	Onsite stream / potential culvert (Surface waters)	Unlikely	Medium	Low	There was no evidence of an above ground or culverted stream when completing the site work. The underlying cohesive soils will limit vertical and horizontal migration due to the impermeable nature. It is considered that the risks to surface waters are low.
	Leaching through unsaturated zone / Migration through saturated zone	Superficial Secondary Undifferentiated Aquifer (Groundwater)	Unlikely	Medium	Low	No significant mobile contamination has been identified at the site. The site is not within, or in close proximity to an SPZ and there are no surface water extractions within 2km. Additionally, there are no groundwater abstractions for potable water within 2km and the nearest groundwater abstraction for non-potable water is 1742m away. The underlying cohesive soils will limit vertical migration through the superficial aquifer due to their impermeable nature. The site is to be redeveloped from unused fields to a residential estate with roads and drainage, housing and private gardens. This will likley reduce infiltration rates at the site. Therfore, risks to groundwater are considered to be low.
	Migration through saturated zone	Bedrock Principal Aquifer (Groundwater)	Unlikely	Medium	Low	

8.9 Outline Remedial Measures

The level of protection for the clean potable water supply pipes should be determined using the local water company risk assessment criteria in accordance with UKWIR.

The current topsoil on site is not suitable for the intended residential end use and will require removal, or dependant on requirements some materials could be retained on site in POS areas under a cover layer to mitigate the risk to end users (e.g. within landscaping/acoustic bunds if part of the design/layout or below the lower sensitivity sports pitches, re-use would need to be carried out under a suitable Material Management Plan). The made ground also presents a risk to end users and requires mitigation.

Where gardens or soft landscaping are present a cover of "clean" subsoil and topsoil should be provided over the made ground to break the pathway to site end users. This should be 600mm thick in private garden areas and 450mm in soft landscaping areas (Public Open Space – POS) in accordance with BRE 465. This will allow plants to be grown and prevent undesirable soils being brought to the surface. Where made ground is absent and only natural strata present, only a nominal cover of clean topsoil will be required of 100mm, in line with minimum warranty provider requirements. A reduction in the cover system thickness in POS areas may be feasible if an engineered element is included (e.g. a geotextile), subject to agreement with MCC Environmental Health Department.

Prior to import or re-use of clean cover soils, they should be tested to confirm chemical suitability. After installation of the clean cover, soil depths should be verified by a suitably qualified independent geo-environmental engineer, such as BSL.

Ground Gas Protection Systems
Based on the ground gas monitoring results, no mitigation measures are required, and no radon protection is required for new buildings at this location.

General
It is recommended that the approval of the Regulators (Local Authority /NHBC / Environment Agency) is obtained in regard to the above prior to any irrevocable action is taken at the site.

Once the above bodies have approved the above outline remedial proposals, a Remedial Strategy will need to be produced to meet planning requirements and submitted to the regulatory authorities for approval. This will also give guidance to enable a suitably qualified contractor to carry out the works.

A watching brief is recommended during groundworks for any unidentified sources of contamination. If any gross contaminated material is encountered works should cease in that area and BSL consulted.

Once remediation is complete, verification reports will need to be produced by a suitably qualified independent geo-environmental engineer, such as BSL, in order to achieve regulatory sign off.

8.10 Health and Safety Issues

During the reclamation and construction phases of the site development it will be necessary to protect the health and safety of site personnel. The risk to construction and ground workers is assessed in the table below:

Potential Source	Potential Pathway	Potential Receptor	Likelihood	Severity	Level of Risk
Made Ground (heavy metals, PAHs, petroleum hydrocarbons)	Ingestion, direct contact, inhalation of dusts.	Construction Workers	Likely	Medium	Moderate

Potential Source	Potential Pathway	Potential Receptor	Likelihood	Severity	Level of Risk
Asbestos	Ingestion, direct contact, inhalation of dusts.	Construction Workers	Unlikely	Medium	Low
Ground gas	Inhalation in confined spaces/trenches	Construction Workers	Unlikely	Medium	Low

The risk from made ground will be mitigated by standard PPE including gloves. Welfare facilities should be made available to wash before hand to mouth activities.

It is noted that concentrations of carbon dioxide (an asphyxiant) in the soil exceed HSE Workplace Exposure Limits for personnel in the working environment of 1.5% for short term (15 minutes) exposure and/or 0.5% for long term exposure. Furthermore, soil concentrations of oxygen are below the HSE recommendations of 18%.

Soil gas concentrations are not necessarily reflected by those in the breathing zone, all contractors and maintenance workers should be made aware of the possible presence of carbon dioxide and should take all necessary health and safety precautions when working in trenches or confined spaces.

General guidance on these matters is given in the Health and Safety Executive (HSE) document "Protection of Workers and the General Public during the Redevelopment of Contaminated Land". In summary, the following measures are suggested to provide a minimum level of protection:

- All ground workers should be issued with the relevant protective clothing, footwear and gloves. These protective items should not be removed from the site and personnel should be instructed as to why and how they are to be used.
- Hand-washing and boot-washing facilities should be provided.
- Care should be taken to minimise the potential for off-site migration of contamination by the provision of dust suppression control and wheel cleaning equipment during the construction works.
- Good practices relating to personal hygiene should be adopted on the site.
- The contractor shall satisfy the Health and Safety Executive with regard to any other matters concerning the health, safety and welfare of persons on the site.

9.0 WASTE SOIL CLASSIFICATION & ASSESSMENT

9.1 Summary

BSL have undertaken a preliminary assessment of potential excavation waste to arise from the site during redevelopment to:

- Classify the excavation waste to arise as either hazardous or non-hazardous.
- Identify the most sustainable options for the wastes to arise in accordance with the waste hierarchy.
- Provide a written description of the waste required as part of the Duty of Care.
- Provide details of "hazardous properties" to complete hazardous waste consignment note (where applicable).
- Be able to provide a basic classification report to a landfill operator (where waste is destined for landfill disposal).

9.2 Waste Classification Procedure

As described in the 'Waste Duty of Care Code of Practice (2016)' any substance or object that the holder discards, intends to discard or is required to discard is a waste. It is the responsibility of the waste producer to classify this waste. The classification process is described in the 'Guidance on the classification and assessment of waste' WM3 and aims to determine whether the waste is Hazardous or Non-Hazardous to human health and the environment.

Hazardous wastes are signified by entries where the code is followed by an asterisk, where some wastes are deemed hazardous without further assessment, which are termed "Absolute Entries" e.g. most waste oils. Alternatively, waste entries are termed "Mirror" entries that require further assessment of hazardous properties, in order to determine whether they are hazardous waste or not (e.g. soil and stones). The EWC codes relevant to excavation wastes are:

- 17 05 03* - soil and stones containing dangerous substances.
- 17 05 04 – soil and stones other than those mentioned in 17 05 03.

The Landfill Directive (Directive 1999/31/EC on the landfilling of waste, Decision 2003/33/EC and Landfill Regulations 2005) led to the establishment of a methodology for classifying wastes.

Wastes first need to be classified based on their total concentrations and classified as either hazardous or non-hazardous waste. WAC testing is only required if the end disposal route is a landfill and WAC analysis must not be used for waste classification.

Wastes can only be accepted at a landfill if they meet the relevant Waste Acceptance Criteria (WAC) for that type of landfill. A waste must comply with the WAC limits for the relevant landfill, otherwise the soil will need to be pre-treated. There are three different WAC criteria, these are:

- Inert waste.
- Stable Non-Reactive Hazardous Waste (SNRHW).
- Hazardous waste.

There are no standard set of WAC limits for non-hazardous landfill sites and each non-hazardous landfill will have its own set of criteria under which it is licenced to accept non-hazardous waste. These will need to be determined through the selected waste receiver prior to disposal.

A non-hazardous waste should not be compared with WAC limits for hazardous or SNRHW waste sites and the WAC test should only be used to determine if the waste is suitable for disposal at an inert waste landfill site. Likewise, wastes classified as hazardous based on their total concentrations should not be compared with WAC limits for inert waste landfill sites, as these will not be accepted.

Details of how material should be classified for waste disposal are presented in the BSL Methodology and Guidance in Appendix A and are summarised in the table below:

	PRIOR TO LEAVING SITE			
Classification based on Total Concentrations[1]	**Non-Hazardous Waste**		**Hazardous Waste**	
	IF SOILS CANNOT BE RE-USED ELSEWHERE AND MUST GO TO LANDFILL			
WAC testing	Below inert WAC limit values	Above inert WAC limit values	Below hazardous WAC limit values[4]	> WAC limit values
Landfill requirements	INERT landfill	NON-HAZARDOUS landfill[2]	HAZARDOUS landfill	PRE-TREATMENT[3]

1 Total concentrations are defined as tests results on solids as opposed to leachate (i.e. a liquid).
2 Individual sites may have certain limit values pre-determined in their licence.
3 After pre-treatment the material characteristics may have changed to an extent that allow the soil to be re-classified.
4 Possibility that wastes could be classified as stable Nonreactive HAZARDOUS waste in non-hazardous Landfill (e.g. soils containing low concentrations of asbestos, gypsum or sulphate bearing soils).

Waste classified as non-hazardous can be accepted into a non-hazardous landfill without having to pass any numerical WAC.

Soils above hazardous WAC limit values require pre-treatment prior to disposal. The effective pre-treatment, typically involving separation, sorting and screening, can offer cost savings through reducing the hazardous nature and volumes of soil. Costs for disposal of non-hazardous/hazardous soils are significant compared to the disposal of inert material.

Inert Waste
The possibility of automatic inert classification of the naturally occurring "clean" soils should be explored in accordance with Section 4.3 of the EA guidance document. The Council Decision includes a list of wastes in Section 2.1.1 of the document that are assumed to be inert and therefore acceptable at a landfill for inert waste without testing. This is the case if:

- They are single stream waste of a single waste type (although different waste types from the list may be accepted together if they are from a single source); and
- There is no suspicion of material or substances such as metals, asbestos, plastics, chemicals, etc to an extent which increases the risk associated with the waste sufficiently to justify contamination and they do not contain other classes of landfill.

9.3 Waste Classification and Waste Acceptance Criteria (WAC)

We have reviewed the testing results and assessed them through a waste classification database which allows users to code and classify waste as defined in the EWC (European Waste Catalogue) based on EC Regulation 1272/2008 on the Classification, Labelling and Packaging of Substances and Mixtures (CLP) and latest Environment Agency guidance (WM3 "Guidance on the classification and assessment of waste - Technical Guidance").

40 samples were tested to assess whether they contained any contaminants in the hazardous range when screened against assessment criteria within WM3 using the HazWasteOnline tool.

The Waste Classification Report is presented in Appendix F. The results of the waste assessment based on total concentrations where hazardous soils priorities have been highlighted are presented in the table below, all other soils have been classified as non-hazardous at this stage.

Location	Depth (m)	Stratum	Waste Classification	Comments
WS04	0.30-0.50	MADE GROUND	Hazardous	HP14
WS07	0.40-0.60	MADE GROUND	Hazardous	HP14
WS08	0.30-0.60	MADE GROUND	Hazardous	HP7, HP11

Based on the waste classification database assessment, the majority of the topsoil and made ground soils have been classified as **non-hazardous.** Although, some samples of made ground have been classified as **hazardous** based on carcinogenic and ecotoxic properties.

Note that further testing of the soils (WAC testing) may be required on the actual arisings in order to satisfactorily categorise the soil for its suitability for disposal to landfill.

9.4 Options Assessment

Following the classification of waste materials, the options available for the waste can be considered in the context of the waste hierarchy as below:

- Onsite re-use (with or without prior treatment) under suitable exceptions/permits.
- Offsite processing for recycling or recovery e.g. screening.
- Offsite disposal (with or without prior treatment) i.e. landfill.

Where feasible, efforts should be made to retain soils for onsite re-use to minimise costs and maximise the sustainability of projects.

Based on the above, the possible options for the generation of waste soils at the site are described in the table below:

Waste Generation Source	Comments
Crush	Concrete would be site derived from hardstanding which had not been used for potentially contaminative activities. These should be subject to an asbestos survey and removal of asbestos as required, prior to crushing. Assuming the above criteria are met, with materials containing no asbestos or ACM, crushed concrete is considered to be inert without testing. Where samples of crushed concrete have been subject to totals testing this is likely to hazardous due to pH, and where subject to WAC testing, the sulphate and TDS limits are breached, this is to be expected due to the presence of concrete.
Made Ground from site levelling/foundations excavations/services excavations	Samples of made ground from across the site have been classified as non-hazardous and hazardous for off-site disposal purposes, although should be suitable for re-use on site if required under suitable exemptions/permits.
Natural ground from site levelling/foundations excavations/services excavations	The natural clay may be considered suitable for re-use onsite as fill where the criteria of the WFD exception for re-use of naturally occurring soils can be met. Naturally occurring clean materials could also be exported to another site under the direct transfer scenario of the DoWCoP.

General

If any gross hydrocarbon contaminated material is encountered during the construction phase, it is possible that this may be classified as hazardous and testing should be undertaken at that time.

Where it is necessary to dispose material off site it is recommended that materials are segregated and sufficient time is allowed to further classify the actual soil arisings that constitute the waste, including discussion with landfill sites and waste transfer stations to find the best disposal route. It is illegal to dilute and mix soils without a suitable permit.

9.5 Re-use of Soils

By definition in law, any material excavated from the ground becomes waste at the moment of excavation. If that soil (now a "waste") is then placed on another part of the development site (or used on another development site) without an appropriate materials management plan, permit or exemption being in place, by law this material is defined as "illegally deposited waste".

Landfill tax rules allow HM Revenue & Customs (HMRC) to recover landfill tax on illegally deposited waste on construction sites. This could lead to excessive costs without the correct documentation in place. In addition, a person who makes, knowingly causes or knowingly facilitates a disposal to be made at an unauthorised site is also liable to pay Landfill Tax.

In order to comply with UK legislation and avoid excessive costs, if the re-use of soils is proposed on site, this should be done in accordance with the relevant exemptions or permits in place.

Soils Re-use Under DoWCoP
One of the main industry mechanisms for allowing the re-use of soils in construction is the CL:AIRE "Development Industry Code of Practice for the Definition of Waste" (CL:AIRE DoWCoP) also known as a Materials Management Plan (MMP). Further guidance is provided in the BSL Methodology and Guidance in Appendix A.

To implement the DoWCoP (for Route A), there is a requirement to notify the Environment Agency and Local Authority of the intention to use the code of practice in principal, after which there is a 21-day notice period for their response.

In order to re-use soils under the DoWCoP, there are four key criteria that need to be met:

- The aims and objectives of the project meet the requirements of the Waste Framework Directive (does not harm human health or the environment).
- The soils can be demonstrated to be suitable for use (backed up by chemical/geotechnical testing and assessment).
- There is certainty of use (planning consents are in place alongside materials tracking, which should be in place as part of good site practice in any case).
- Quantity (the quantity of materials used should be known).

Information on existing site levels, proposed levels, volumes generated (e.g. foundation / drainage excavation arisings) would need to be known in order to complete the MMP.

If the DoWCoP is the chosen route, the MMP should be in place and declared by a Qualified Persons (QP) before works commence, otherwise excavated soils could constitute an illegal deposit of waste and enforcement action could be taken by the EA and HMRC.

The declared MMP should be amended as new import sources are added.

Once the project is complete, a verification report detailing soils re-use/import will need to be produced and submitted to CL:AIRE, which may be subject to a random audit process. Sites found to be non-complaint with the CoP can be referred to the EA for further investigation.

Regardless of implementing re-use under the code of practice or not, all sites should have some form of materials tracking in place in compliance with current legislation. Any re-use scheme should also be designed to minimise disposal costs.

Re-use of soils containing asbestos should comply with the CL:AIRE publication 'Interpretation for Managing and working with Asbestos in Soil and Construction and Demolition Materials' (CAR-SOIL™) and CAR 2012.

In terms of the re-use of brick/concrete crush materials, the DoWCoP does cover aggregates, but only on the site of origin, and the EA WRAP aggregate Quality Protocol might best apply to ensure quality standards, which are discussed further below.

Soils Re-use under Exemptions and Permits
Suitable options to allow the re-use and/or import of soils and aggregates on site are provided in the table below:

Re-use Mechanism	Description
U1 Exemption	Can be applied to re-use/import of soils and stones, but only up to 1000 tonnes or for brick and concrete up to 5000 tonnes. This is usually an efficient way to re-use small volumes of waste materials. However, only one U1 can be filled in per site in any 3-year period. Quick and free via online registration.
WRAP Quality Protocols	Describes how processed demolition arisings can be removed from regulatory waste regime. Requires a demonstration of appropriateness by: • Factory Production Control Manual. • Facility Permit (or Exemption). • Grading Analysis.
Waste Framework Directive (WFD) exclusion	In regard to "clean" naturally occurring soils only that are to be re-used on their site of origin, these are covered by a Waste Framework Directive (WFD) exclusion which is an EA regulatory position statement. So long as the project can prove the four criteria listed above for the DoWCoP, then permits or the DoWCoP are not required. However, many projects still use the CoP to ensure compliance.
T5 Screening and blending of waste	The T5 exemption allows you to temporarily treat waste on a small scale to produce aggregate or soil at a particular location, such as a construction or demolition site. The limit is 5,000 tonnes. This applies to: • Screening soil on a demolition site to remove wood and rubble. • Blending soil and compost that has been produced under an exemption on a construction site to produce better soil for landscaping on that site (e.g. peaty deposits). • Crushing waste (except bricks, tiles and concrete) before screening or blending • Grading waste concrete after it has been crushed to produce a certain type of aggregate.
T7 Exemption	The T7 allows treatment of waste bricks, tiles and concrete by crushing, grinding or reducing in size. This needs to be registered with the Local Authority.
Other Permitting Routes	Other options include use under an Environmental Permit (Standard or Bespoke Rules), however these may be a time consuming and costly route, where use of the other above options (if applicable) are likely to be more feasible in construction.

10.0 CONCLUSIONS

10.1 Geo-Environmental

Geo-Environmental – Human Health
Testing of the topsoil and made ground at the site has revealed numerous exceedances of heavy metals, and PAHs.

The above are considered to pose a risk to human health and remedial measures are required in the form of a combination of removal, materials management and a cover system in garden and areas of soft landscaping areas to mitigate the risk.

Ground gas monitoring has revealed a maximum peak carbon dioxide concentration of 3.9% v/v and methane concentrations of 0.1%v/v. Based on the gas monitoring the site is classified as Green (CS1) and no ground gas protection measures are required.

Geo-Environmental – Controlled Waters
The overall risk to controlled waters is considered to be low and no further action is required.

Waste
Based on the waste classification database assessment, the majority of the topsoil and made ground soils have been classified as non-hazardous. Although, some samples of made ground have been classified as hazardous based on carcinogenic and ecotoxic properties.

Note that further testing of the soils (WAC testing) may be required on the actual arisings in order to satisfactorily categorise the soil for its suitability for disposal to landfill.

10.2 Geotechnical

Foundations
In areas of shallow made ground (e.g. the north western area) strip / trench fill foundations at a minimum depth of 0.90m bgl should be suitable, based on the medium volume change potential clays and deepened near trees and hedges in accordance with NHBC Chapter 4.2.

At 0.90m bgl, an allowable bearing capacity not exceeding 140kN/m^2 may be assumed. This adopts a factor of safety of 3 which should limit settlements to within acceptable limits.

Where deeper made ground deposits are present, ground improvement by vibro stone columns (VSCs) could be considered to provide a suitable platform for the development. Further guidance is provided in BRE 391 “Specifying vibro stone columns”. Exact requirements will be determined by a detailed foundation schedule and layout plan.

Floor slabs
Suspended floor slabs may be adopted.

Concrete classification
DS-2 AC-1s conditions prevail in the made ground soils. DS-1 A-1s conditions prevail in the natural soils.

Highways
Based on the test results equilibrium CBR values of <2% should be assumed within the made ground and natural clays for preliminary design purposes, unless proven otherwise by in-situ testing at formation level by a specialist geotechnical engineer.

Drainage (SUDS)
The use of soakaways within the natural ground is not considered to be feasible at the site due to the low infiltration rates obtained (on the order of $1.91x10^{-6}$ m/s) and the presence of low permeability cohesive strata underlying the site.

10.3 Further Work

The following further work is considered necessary to progress the site to construction phase:

- If piled foundations are required, then deeper cable percussive boreholes will be needed to obtain information for design.
- Tree survey by qualified arboriculturist.
- Detailed foundation design and production of plot specific foundation schedule.
- Design of Remedial Strategy and confirmation with the Local Authority /EA / NHBC.
- Production of a Materials Management Plan.
- Implementation of the Remedial Strategy and verification of the remedial works.

11.0 ABBREVIATIONS AND DEFINITIONS

GLOSSARY	
Term / Abbreviation	**Definition**
AST	Above Ground Storage Tank.
B(a)P	Benzo (a) Pyrene.
BGS	British Geological Survey.
BRE	Building Research Establishment.
BS	British Standard.
BSL	Brownfield Solutions Ltd.
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes.
CBR	California Bearing Ratio (used in pavement/highways design).
CAR 2012	Control of Asbestos Regulations (2012).
CBCB	Cheshire Brine Compensation Board.
CBCD	Cheshire Brine Compensation District.
CBR	California Bearing Ratio.
CIEH	Chartered Institute of Environmental Health.
CIRIA	Construction Industry Research Association.
CL:AIRE	Contaminated Land: Applications in Real Environments.
CLEA	Contaminated Land Exposure Assessment.
CLO	Contaminated Land Officer.
COMAH	Control of Major Accident Hazards.
Contamination	Presence of a substance which is in, on or under land, and which has the potential to cause significant harm or to cause significant pollution of controlled water. There is no assumption in this definition that harm results from the presence of the contamination. Naturally enhanced concentrations of harmful substances can fall within this definition of contamination. Contamination may relate to soils, surface water, groundwater or ground gas.
Controlled Waters	Inland freshwater (any lake, pond or watercourse above the freshwater limit), water contained in underground strata and any coastal water between the limit of highest tide or the freshwater line to the three-mile limit of territorial waters.
CPT	Cone Penetration Test.
CSM	Conceptual Site Model. A schematic hypothesis of the nature and sources of contamination, potential migration pathways (including description of the ground and groundwater) and potential receptors, developed on the basis of the information from the preliminary investigation and refined during subsequent phases of investigation and which is an essential part of the risk assessment process. The conceptual site model is initially derived from the information obtained by the preliminary investigation (i.e. the Phase I Desk Study). This conceptual model is used to focus subsequent investigations, where these are considered to be necessary, in order to meet the objectives of the investigations and the risk assessment. The results of intrusive investigations can provide additional data that can be used to further refine the conceptual site model.
DCP	Dynamic Cone Penetrometer.
DNAPL	Dense Non-Aqueous Phase Liquid.
DoWCoP	Definition of Waste Code of Practice.
DWS	Drinking Water Standard.
EA	Environment Agency.
EHO	Environmental health Officer.
EQS	Environmental Quality Standard.
GAC	Generic Assessment Criteria.

GLOSSARY	
Term / Abbreviation	**Definition**
GDR	Geotechnical Design Report.
GFR	Geotechnical Feedback Report.
GIR	Ground Investigation Report.
GSV	Gas Screening Value.
Harm	Adverse effect on the health of living organisms, or other interference with ecological systems of which they form part, and, in the case of human health, including property/structures and water supply pipelines.
Hazard	Inherently dangerous quality of a substance, procedure or event.
HDPE	High Density Polyethylene.
HSV	Hand Shear Vane.
K	Modulus of Subgrade Reaction.
LCRM	Land Contamination: Risk Management (EA guidance).
LNAPL	Light Non-Aqueous Phase Liquid (petrol, diesel, kerosene).
LOD	Limit of Detection (for particular method adopted).
MMP	Materials Management Plan.
Mv	Modulus of Volume of Compressibility.
ND	Not Detected.
NHBC	National House Building Council.
NR	Not Recorded.
OS	Ordnance Survey.
PAH	Polycyclic Aromatic Hydrocarbon.
Pathway	Mechanism or route by which a contaminant comes into contact with, or otherwise affects, a receptor.
PCB	Poly-Chlorinated Biphenyl.
PCSM	Preliminary Conceptual Site Model.
pH	Scale used to specify how acidic or basic a water-based solution is.
PHC	Petroleum Hydrocarbons.
PID	Photo Ionisation Detector.
PNEC	Predicted No-Effect Concentration.
Precision	Level of agreement within a series of measurements of a parameter.
PSD	Particle Size Distribution.
PVC	Polyvinyl Chloride.
Receptor	Human health, living organisms, ecological systems, controlled waters (surface waters and groundwater within aquifers), atmosphere, structures and utilities that could potentially be adversely affected by contaminant(s).
Risk	Probability of the occurrence, magnitude and consequences of an unwanted adverse effect on a receptor.
Risk Assessment	Process of establishing, to the extent possible, the existence, nature and significance of risk.
Sampling	Methods and techniques used to obtain a representative sample of the material under investigation.
SOM	Soil Organic Matter.
Source	Location from which contamination is, or was, derived. This could possibly be the location of the highest soil, groundwater or gas concentration of the contaminant(s).
SPT	Standard Penetration Test.
SVOCs	Semi Volatile Organic Compounds.
TOC	Total Organic Carbon.
TPH CWG	Total Petroleum Hydrocarbon (Criteria Working Group).

GLOSSARY	
Term / Abbreviation	**Definition**
TVOCs	Total volatile organic compounds.
UCS	Unconfined Compressive Strength.
Uncertainty	Parameter, associated with the result of a measurement that characterises the dispersion of the values that could reasonably be attributed to the measurement.
UST	Underground Storage Tank.
UXO	Unexploded Ordnance.
VCCs	Vibro Concrete Columns.
VSCs	Vibro Stone Columns
VOCs	Volatile Organic Compounds.
WAC	Waste Assessment Criteria.
WFD (in waste context)	Waste Framework Directive.
WFD (in water context)	Water Framework Directive.
Units	**Definition**
°	Degrees
Φ	Phi angle (in degrees)
g/l	Grams per Litre
Km	Kilometres
kPa	Kilo Pascal (Equivalent to kN/m^2)
$KN/m^2/mm$	Kilo Newton per metered squared per millimeter
kN/m^2	Kilo Newtons per metre squared
kPa	Kilo Pascal (Equivalent to kN/m^2)
l/hr	Litres per hour
MJ/kg	Mega joule per kilogram
MN	Mega Newton
M^2/MN	Mega Newton per metre squared
M	Metres
m bgl	Metres Below Ground Level
m OD	Metres Ordnance Datum (sea level)
µg/l	Micrograms per Litre (parts per billion)
µm	Micrometre
mb	Millibars (atmospheric pressure)
mg/kg	Milligrams per kilogram (parts per million)
mg/m^3	Milligram per metre cubed
mm	Millimetre
ppb	Parts Per Billion
Ppm	Parts Per Million

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DRAWINGS



Legend

- Indicates 1.8m high feature fence
- Indicates 1.8m high plot divisional screen fence.
- Indicates bin stores.
- Indicates principle entrance door to dwelling.
- Indicates secondary entrance door to dwelling.
- Indicates application site boundary.
- Indicates affordable units
- Indicates adaptable units
- Indicates footpath connection points
- Indicates proposed trees
- Indicates substation
- Indicates pumping station
- Indicates electric vehicle charging points.

All plots to be provided with a secure cycle point.

0 2.5 5 10 15 25 m
SCALE BAR 1:500

Accommodation Schedule
Mount Road, Gorton

KELLEN HOMES

House Type		Bed No.	Type	No.	Sqft	Total Sqft	Split
Private							
Hic	Hickory	2	Semi	73	767	55991	24.09%
Olive	Olive	2	Semi	8	770	6160	2.64%
Ced	Cedar	3	Semi	82	936	76752	27.06%
Aca	Acacia	3	Semi	26	940	24440	8.38%
Eme	Emerson	4	Semi	18	1064	19152	5.94%
				207		**182495**	**68.32%**
Affordables							
Adu835	adu835	2	Semi	2	835	1670	0.66%
Adu1009	adu1009	3	Semi	2	1009	2018	0.66%
Hic	Hickory	2	Semi	25	767	19175	8.25%
Ced	Cedar	3	Semi	19	936	17784	6.27%
Aca	Acacia	3	Semi	6	940	5640	1.98%
Oli	Olive	2	Semi	2	770	1540	0.66%
Eme	Emerson	4	Semi	4	1064	4256	1.32%
				60		**52083**	**19.80%**
			Total	**267**		**234578**	
YP Studio Apartments	Apts	1	Apartments	36	280	10080	11.88%
				36		**10080**	**11.88%**
							11.68%
			Total	**303**		**244658**	**100.00%**

Gross Site Area:	22.4	Acres	9.07	Hectares	
Nett Residential Site Area:	**15.640**	**Acres**	**6.33**	**Hectares**	
Gross Density:	13.53	Units/Acre	33.43	Units/Hectare	
Nett Density:	**19.37**	**Units/Acre**	**47.87**	**Units/Hectare**	
Gross Footage:	10922.23	SQFT/Acre	2507.37	SQM/Hectare	
Nett Footage:	**15643.09**	**SQFT/Acre**	**3591.13**	**SQM/Hectare**	

Revision	Date	Amendment	Initials
P8	07.11.23	Cricket pitch added to layout.	BOP
P7	03.10.23	EV Charging points added, Subs amended.	BOP
P6	02.10.23	Combined Netball & Basketball Court added.	BOP
P5	19.09.23	Hickory HT semi's roofs changed back to up and over and not hipped.	RGC
P4	11.09.23	Plot 1 amended and moved to show hipped roof. Drive to plot 74 amended and emergency access	KLW
P3	07.09.23	Cedar sqft updated 940 to 936.	KLW
P2	05.09.23	Affordable units increased to 60 plots. Mix updated accordingly	KLW
P1	25.08.23	Detailed site layout completed	BOP

Development
MOUNT_ROAD
Location
GORTON
Marketing Name
Drawing Title
CADSITELAYOUT
Job No.
KH008
Drawing No.
A-100
Revision
P8
Scale @ A0
1:500
Drawn By
BOP
Date
25.08.23
Checked by
RGC
Date Checked

1st Floor, 103 Dalton Avenue, Birchwood Park, Warrington WA3 6YE
T: 01925 363108 W: www.kellenhomes.com
KELLEN HOMES

N

Mount Road

Shelter

Ward Bdy

Drain

Drain

WEMBLEY ROAD

HARLOW DRIVE

WEMBLEY ROAD

THEWS LANE

Cedar Mount Academy

Gorton Education Village

Melland High School

Revision	Date	Amendment	Initials

Development	Mount Road, Gorton
Location	Manchester
Marketing Name	
Drawing Title	Location Plan
Drawing Number	KH/MRG/LP/01
Revision	Scale @ A3 1:1250
Drawn By BOP	Date Started 10.10.22
Checked by	Date Checked

1st Floor, 103 Dalton Avenue, Birchwood Park, Warrington WA3 6YE
T: 01925 363108 W: www.kellenhomes.com

KELLEN HOMES



KEY

APPROXIMATE SITE BOUNDARY

REV	DATE	DESCRIPTION	BY	CKD

BROWNFIELD SOLUTIONS LTD

CLIENT

KELLEN HOMES LTD

PROJECT TITLE

MOUNT ROAD, GORTON

DRAWING TITLE

SITE FEATURES PLAN

DRAWING No.	REVISION	SCALE	DATE
C5150/02	-	NTS	19/10/22

DRAWN BY	CHECKED BY
MS	LC



KEY	
	APPROXIMATE SITE BOUNDARY
TPXX	TRIAL PIT
WSXX	WINDOW SAMPLE BOREHOLE
LWDXX	LWD
	SOAKAWAY INFILTRATION TEST
	BOREHOLE INSTALLATION
	MADE GROUND TOPSOIL SAMPLE IDENTIFIED AS HAZARDOUS FOR OFF SITE DISPOSAL PURPOSES

NB: SYMBOL FOR LOCATIONS HIGHLIGHTED AS HAZARDOUS DOES NOT INDICATE LATERAL EXTENT OF HAZARDOUS MATERIAL - THERE MAY BE NO VISUAL DIFFERENCE IN SUCH MATERIALS.

NOTES

1. ALL DIMENSIONS TO BE CHECKED ON SITE BEFORE COMMENCING WORKS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ARCHITECT & ENGINEER FOR VERIFICATION. FIGURED DIMENSIONS ONLY ARE TO BE TAKEN FROM THIS DRAWING.
2. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ENGINEERS REPORTS. THIS DRAWING IS COPYRIGHT OF BSL.
3. DRAWING NOT FOR CONSTRUCTION PURPOSES.

REV	DATE	DESCRIPTION	BY	CKD
B	05/06/23	FINAL LOCATIONS BASED ON SURVEYED CO-ORDS.	MB	AJS

BROWNFIELD SOLUTIONS LTD

CLIENT

KELLEN HOMES

PROJECT TITLE

MOUNT ROAD, GORTON

DRAWING TITLE

EXPLORATORY HOLE PLAN

DRAWING No.	REVISION	SCALE	DATE
C5150/03A&B	B	NTS	05/06/2023

DRAWN BY	CHECKED BY
MB	AJS

APPENDIX A

BSL Methodology and Guidance

BSL Phase I & II Geo-Environmental Assessment Reports - Methodology and Guidance

This Appendix provides information on the approaches, methods and guidance used by Brownfield Solutions Ltd in the preparation of this report.

The term 'geo-environmental' is used to describe aspects relating to ground-related environmental issues (such as potential soils and groundwater contamination). The term 'geotechnical' is used to describe aspects relating to the physical nature of the site (such as foundation requirements). It should be noted that this is an integrated investigation and these two main aspects are related, unless otherwise specified within the report.

Phase I reports are written in general accordance with the description of a Preliminary Investigation as defined in BS10175:2011+A2:2017 and are also produced in general accordance with the recommendations for a Tier 1 Preliminary Risk Assessment as described in LCRM guidance

The first stage of the investigation and assessment of a site is the Preliminary Investigation/Tier 1 Preliminary Risk Assessment, often referred to as a Phase 1 Desk Study, comprising a desk study and walk-over survey and collation of desk-based searches, which culminates in the Preliminary Risk Assessment and the development of a preliminary/initial Conceptual Site Model (CSM). From this are identified any potential geotechnical and geo-environmental hazards and the qualitative degree of risk associated with them.

From the geo-environmental perspective, the hazard Identification process uses professional judgement to evaluate all the hazards in terms of possible contaminant linkages (of source-pathway-receptor). Possible contaminant linkages are potentially unacceptable risks in terms of the current contaminated land regime legal framework and require either remediation or further assessment. These are normally addressed via intrusive ground investigation and generic risk assessment as part of Phase II investigations and reports.

The second stage is the Ground Investigation, Generic Risk Assessment and Geotechnical Interpretation. This represents the further assessment mentioned above. The Ground Investigation comprises field work and laboratory testing based on the findings of the Preliminary Risk Assessment, to reduce uncertainty in the geotechnical and geo-environmental hazard identification. This may include an exploratory, a detailed or/and supplementary Investigations as described in BS 10175:2011+A2:2017. Phase II Assessments are produced in general accordance with the recommendations for a Tier 2 Generic Quantitative Risk Assessment as described in LCRM guidance and are also intended to fulfil the requirements of a Ground Investigation Report (GIR) as detailed in BS EN 1997-2:2007.

Contaminated Land - Legislative Background

Land contamination can be addressed in several ways, e.g. during planning, under Part 2A, following an incident, during an investigation into environmental damages, or during the application of an environmental permit, or its surrender.

For the planning process the key test is **as a minimum the site cannot be determined as contaminated land**, e.g. there is not significant harm, significant possibility of significant harm to human health or that there is not significant harm to, or the significant possibility that the pollution of controlled waters will occur.

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

- The 1995 Environment Act.
- The Contaminated Land Statutory Guidance, DEFRA – April 2012.
- The Contaminated Land (England) Regulations 2006.
- The Contaminated Land (England) Amendment Regulations 2012.
- Water Resources Act.
- Water Framework Directive.
- Environmental Damage Regulations.
- Environment Agency (EA) - Land Contamination Risk Management (LCRM) 2019.

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

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

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

Source - substances that are potential contaminants or pollutants that may cause harm.
Pathway - a potential route by which contaminants can move from the source to the receptor , and the impact of that migration on the source e.g. ;attenuation.
Receptor - a receptor that may be harmed, for example the water environment, humans and water, considering the sensitivity of the receptor

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

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

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

- DETR: Circular 02/2000: Environmental Protection Act 1990: Part IIA: Contaminated land. 2012.
- Environment Agency technical advice to third parties on Pollution of Controlled Waters for Part IIA of the EPA1990, May 2002.
- BS 10175:2011+A2:2017.
- Environment Agency (EA) - Land Contamination Risk Management (LCRM). 2019.

- Groundwater Protection - https://www.gov.uk/government/collections/groundwater-protection.
- UK Technical Advisory Group (UKTAG) - - Water Framework Directive
- Incidents and their classification: the Common Incident Classification Scheme (CICS) – Used by the Environment Agency to classify pollution incidents.

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

- The Environmental Protection Act 1990: Part 2A Contaminated Land Statutory Guidance (2012).
- The Environment Protection Act (1990).
- The Water Resources Act (1991).
- The Environment Act (1995).
- The Contaminated Land (England) Act (2000).
- The Pollution Prevention and Control (England and Wales) Regulations (2000).
- The Landfill Regulations (England and Wales) Regulations (2002).
- The Landfill (England and Wales) (Amendment) Regulations (2004).
- Contaminated Land (England) Regulations (2012).
- The Environmental Damage (Prevention and Remediation) Regulations (2009).
- Environmental Permitting Regulations (England and Wales) Regulations (2010).
- The Water Environment (Water Framework Directive) (England and Wales) Regulations 2017
- Health and Safety at Work Act.
- National Planning Policy Framework (NPPF)(2021).

Contaminated Land Risk Assessment Approach

Contaminated Land Risk Assessment is a technique that identifies and considers the associated risk, determines whether the risks are significant and whether action needs to be taken. The four main stages of risk assessment are:

Hazard Identification ➡ Hazard Assessment ➡ Risk Estimation ➡ Risk Evaluation.

LCRM outlines the framework to be followed for risk assessment in the UK. The framework is designed to be consistent with UK legislation and policies including planning. The starting point of the risk assessment is to identify the context of the problem and the objectives of the process. Under LCRM, three tiers of risk assessment exist – Stage/Tier Preliminary Risk Assessment, Stage 2 Generic Quantitative and Stage 3 Detailed Quantitative.

Further information can be found at the below site:
https://www.gov.uk/government/publications/land-contamination-risk-management-lcrm

Formulating and developing a conceptual model for the site is an important requirement of risk assessment, this supports the identification and assessment of pollutant linkages. Development of the conceptual model forms the main part of preliminary risk assessment, and the model is subsequently refined or revised as more information and understanding is obtained through the risk assessment process.

Risk is a combination of the likelihood of an event occurring and the magnitude of its consequences. Therefore, both the likelihood and the consequences of an event must be taken into account when assessing risk.

The risk assessment process needs to take into account the degree of confidence required in decisions. Identification of uncertainties is an essential step in risk assessment.

The likelihood of an event is classified on a four-point system using the following terms and definitions from CIRIA C552, with reference to Incidents and their classification: the Common Incident Classification Scheme

(CICS), Environmental Protection Act 1990: Part 2A – Contaminated Land Statutory Guidance 2012 and other guidance as appropriate which will be detailed within the main body of the report if applied.

The likelihood of a given receptor being impacted is related to a number of factors, e.g. the geology which could inhibit contaminant migration. For example, a site with a significant thickness of clay between it and a receptor may reduce migration of contamination via the subsurface, which will reduce the likelihood of a given receptor being impacted. The geology or drainage for example could offer a preferential pathway e.g. mines shafts/faults increasing the likelihood and potential magnitude of an impact. The depth of contamination will also affect the exposure pathway, for example petroleum hydrocarbons at depth are unlikely to reach a receptor via dermal contact but could via vapour pathways which will influence the likelihood of an impact being felt e.g. if there are no buildings on site.

The terms and definitions used for the assessment of the likelihood are provided below:

High likelihood: There is a pollution linkage and an event appears very likely in the short term and almost inevitable over the long term, or there is evidence at the receptor of harm or pollution.
Examples - Extensive areas with concentrations above saturation limits for mobile contamination e.g. petroleum hydrocarbons within the water table.

Likely: There is a pollution linkage and all the elements are present and in the right place, which means it is probable that an event will occur. Circumstances are such that the event is not inevitable, but possible in the short term and likely over the long term.
Examples – Localised areas of contaminants with concentrations above saturation limits for mobile contamination e.g. localised petroleum hydrocarbons within the water table; shallow contamination above relevant human health generic assessment criteria is present with little or no hardstanding,

Low likelihood: There is a pollution linkage and circumstances are possible under which an event could occur. However, it is by no means certain even over a longer period such event would take place, and is less likely in the short term.
Examples - A thickness/distance of low permeability deposits preventing contaminant migration to a receptor is present; a site is mostly covered hard standing preventing exposure to soil contamination.

Unlikely: There is a pollution linkage but circumstances are such that it is improbable the event would occur even in the long term.
Examples – A site is underlain by a substantial thickness of low permeability clays, between the source and potential receptors which will inhibit significantly, but not completely rule out migration to sensitive receptors.

The severity is also classified using a system based on CIRIA C552, with reference to Incidents and their classification: the Common Incident Classification Scheme (CICS), Environmental Protection Act 1990: Part 2A – Contaminated Land Statutory Guidance 2012 and other guidance as appropriate which will be detailed within the main body of the report, if applied. The terms and definitions are:

Severe: Short term (acute) risk to human health likely to result in 'significant harm' as defined by the Environment Protection Act 1990, Part IIA. Short-term risk of pollution of sensitive water resources. Catastrophic damage to buildings or property. A short-term risk to a particular ecosystem or organism forming part of that ecosystem (note definition of ecosystem in 'Draft Circular on Contaminated Land', DETR 2000);
Examples – High concentrations of contaminant on surface of recreation area, major spillage of contaminants from site into controlled waters, explosion causing building to collapse.

Medium: Chronic damage to human health ('significant harm' as defined in DETR 2000). Pollution of sensitive water resources. A significant change in a particular ecosystem or organism forming part of that ecosystem (note definition of ecosystem in 'Draft Circular on Contaminated Land', DETR 2000);
Examples - Concentrations of contaminants exceed the generic assessment criteria, leaching of contaminants from a site to a Principal or Secondary Aquifer, death of species within a designated nature reserve.

Mild: Pollution of non-sensitive water resources. Significant damage to crops, buildings, structures and services ('significant harm' as defined in 'Draft Circular on Contaminated Land', DETR 2000). Damage to sensitive buildings, structures, services or the environment.
Examples – Pollution of non-classified groundwater or damage to buildings rendering it unsafe to occupy.

Minor: harm, not necessarily significant harm, which may result in financial loss or expenditure to resolve. Non-permanent health effects to human health (easily prevented by use of personal protective clothing etc). Easily repairable effects of damage to buildings, structures and services.
Examples – Presence of contaminants at such concentrations PPE is required during site work, loss of plants in landscaping scheme or discolouration of concrete.

Once the likelihood and severity have been determined, a risk category can be assigned using the table below.

		Consequences			
		Severe	Medium	Mild	Minor
Probability	Highly likely	Very high	High	Moderate	Moderate/low
	Likely	High	Moderate	Moderate/low	Low
	Low likelihood	Moderate	Moderate/low	Low	Very low
	Unlikely	Moderate/low	Low	Very Low	Very low
	No Linkage	Negligible			

Definitions of the risk categories obtained from the above table are as follows together with an assessment of the further work that might be required:

Very high: There is a high probability that severe harm could arise to a designated receptor from an identified hazard or there is evidence that severe harm is currently happening. This risk, if realised, could result in substantial liability. Urgent investigation and remediation are likely to be required.

High: Harm is likely to arise to a designated receptor from an identified hazard. Realisation of the risk is likely to present a substantial liability. Urgent investigation is required and remedial works may be necessary in the short term and are likely over the longer term.

Moderate: It is possible that harm could arise to a designated receptor from an identified hazard. However, it is either relatively unlikely that any such harm would be severe, or if any harm were to occur it would be more likely to be relatively mild. Investigation is normally required to clarify the risk and determine the liability. Some remedial works may be required in the longer term.

Low: It is possible that harm could arise to a designated receptor from an identified hazard, but it is likely that this harm, if realised, would at worst normally be mild.

Very Low: There is a low possibility that harm could arise to a receptor. In the event of such harm being realised, it is not likely to be severe.

Some linkages may be identified which constitutes a theoretical connection between a source and a receptor, but professional judgement shows them not to be possible for some reason. These are labelled 'no linkage' in the summary table, which give rise to a **negligible** risk category and no further action is required.

Ground Gas Risk Assessment Guidance

BS8485:2015+A1:2019, BS 8576:2013, CIRIA C665 and CL:AIRE RB17 are the current guidance which gives up-to-date advice on all aspects of ground gas. They outline good practice in investigation, the collection of relevant data and monitoring programmes in a risk-based approach to ground gas contamination.

Within BS8485:2015+A1:2019, BS 8576:2013 and CIRIA C665, two semi-quantitative methods are set out for the assessment of risk:

1 For low rise housing with a ventilated under floor void at minimum 150 mm (Boyle and Witherington).
2 For all other development types (Wilson and Card).

Both methods use the concept of Gas Screening Values (GSVs) to identify levels of risk. The mitigation and management of potentially unacceptable risk is described with reference to both passive and active systems of gas. Source removal is also discussed as an option. A sperate approach is discussed under the RB17 header further below.

The aim of the guidance is for a consistent approach to decision making, particularly relating to the scope of protective design measures on a site-specific basis.

Legislative Framework
BS8485:2015+A1:2019, BS 8576:2013 and CIRIA C665 provides technical guidance, however they also recognise the context into which the guidance has to be employed. Government policy is based upon a "suitable for use approach", which is relevant to both the current and proposed future use of land. When considering the current use of land, Part IIA of the Environment Protection Act 1990 provides the regulatory regime. The presence of hazardous ground gases could provide the "source" in a "pollutant linkage" which could lead the regulator to determine that considerable harm or there is a significant possibility of such harm being caused. Under such circumstances, the regulator would determine the land to be "contaminated land" under the provisions of the Act, setting out the process of remediation as described in the DETR Circular 02/2000 *Statutory guidance on contaminated land.*

Generation Potential of Sources
BS 8576:2013 Figure 6 provides a basis for assessing the generation potential from sources identified as part of the Phase I Assessment. These are summarised below:

Generation Potential	Typical Sources
Very Low	• Natural carbonate soil and strata, e.g. chalk and limestone. • Natural soil strata with a low degradable organic content, e.g. alluvium, peat. • In-filled pond less than 15 m diameter, in-filled before 1930s to 1940s. • Made ground with low degradable organic content (e.g. up to 5% organic material such as pieces of wood, pieces of paper, rags, etc. with a high proportion of ash and no food or other easily degradable waste). • Mine workings shallow or shaft (where there is clear evidence that they are flooded). • Inert landfill sites.
Low	• Natural soil strata with a high degradable organic content (DOC). • Made ground with total organic carbon (TOC) up to 6% (e.g. dock silt, no food or other easily degradable waste). • Foundry sand (includes phenolic binders, rags and wood that decay, albeit at low rates). • Landfill 1945 to mid 1960s (see also Moderate below).
Moderate	• Sewage sludge. • Mine workings – unflooded, more than 50 years since last worked (gas is liberated from coal when mine workings are excavated; this continues for up to about 50 years). • Landfill 1945 to mid 1960s (this could also be "low" or, if disturbed, "high").

Generation Potential	Typical Sources
High	• Landfill mid 1960s to early 1990s. • Mine workings – unflooded – less than 50 years since last worked.
Very High	• Municipal landfill sites. • Landfill early 1990s onward.

Frequency and Duration of Monitoring

The monitoring period for a specific site covers the "worst case" scenario. A "worst case" scenario will typically occur during falling atmospheric pressure and, in particular, weather conditions such as rainfall, frost and dry weather.

The benefits of the additional information and whether it is likely to change the scope of gas protection should be considered, as are the consequences of failing to characterise adequately pollutant linkages. Investigations concerned with soil gas are required to provide monitoring data sufficient to allow prediction of worst case conditions enabling the confident assessment of risk and subsequent design of appropriate gas protection schemes. Monitoring programmes should not be an academic exercise in data collection. CL:AIRE publication TB17 "Ground Gas Monitoring and 'Worst-Case' Conditions" provides further guidance.

Below are matrices that will aid in determining an appropriate number of gas monitoring visits and the length of monitoring period.

Typical/idealised periods of monitoring

		Generation of Potential Source				
		Very Low	Low	Moderate	High	Very High
Sensitivity of Development	Low (Commercial)	1 month	2 months	3 months	6 months	12 months
	Moderate (Apartments)	2 months	3 months	6 months	12 months	24 months
	High (Low rise Residential)	3 months	6 months	6 months	12 months	24 months

Typical/idealised frequency of monitoring/Number of Visits Required

		Gas Generation of Potential Source				
		Very Low	Low	Moderate	High	Very High
Sensitivity of Development	Low (Commercial)	4	6	6	12	12
	Moderate (Apartments)	6	6	9	12	24
	High (Low rise Residential)	6	9	12	24	24

Note

1 NHBC guidance also recommends this period of monitoring (Boyle and Witherington, 2007).
2 Generation potential of sources based on descriptions within BS 8576:2013.
3 At least two sets of readings should be at low and falling atmospheric pressure (but not restricted to periods below <1000 mb) known as worst case conditions. Historical data can be used as part of the data set (Table 5.5b).

It is recommended that newly installed monitoring wells are left for 24 hours to allow the soil gas to reach equilibrium. It should be recognised, however, that some soil gas regimes could take considerably longer (up to seven days). Interpretation of any initial readings should take this equilibrium process into account.

RB17 Approach

CL:AIRE RB17 (Card et al 2012) is a pragmatic approach to ground gas risk assessment and was developed because gas concentration, pressure and flow rate measured in a well headspace may not be representative of the conditions in the surrounding formation.

In these low-risk situations, the approach is to use the conceptual site model and the estimation of the likely gas generation from a source to identify where or if gas monitoring is required to better define the risks.

Under this approach, for sites with natural soils only with no credible methane source, then no action is required (no monitoring or gas protection measures) as this represents Characteristic Situation 1 (CS1).

Unexploded Ordnance (UXO) Guidance

Clients have a legal duty under the CDM 2015 Regulations to provide designers and contractors with project-specific health and safety information needed to identify hazards and risks. This includes the possibility of unexploded ordnance (UXO) being encountered on the site. Further details are given in CIRIA report C681.

BSL carry out non-specialist UXO screening exercises by considering any evidence of UK defence activities on or near the site evident from gathered desk study information and the unexploded aerial delivered bomb (UXB) online risk maps produced by Zetica. Other data sources are available, but as a first stage screening exercise the freely available online Zetica maps have been used. The level of risk stated is that determined by Zetica, a company experienced and considered competent in the assessment of UXO.

Contaminated Land Screening Values

In assessing the potential for contamination Brownfield Solutions Limited (BSL) follows UK guidance and current best practice.

General
The current recommended method for assessing contamination is on the basis of:

Source-Pathway-Receptor

Where any one of these "pollution linkages" is absent there is deemed to be no risk.

Fundamentally, receptors can be considered as humans (human health) and controlled waters (surface and ground waters).

The purpose of using generic Tier 1 screening levels is to have a simple means of assessing the potential contamination of a site and to inform decisions on whether further investigation is warranted or whether an option to undertake clean up based on the data to hand is cost effective.

Human Health
Current UK guidance is provided by DEFRA and the Environment Agency (EA). Publications forming part of the guidance include the CLEA Mode and toxicological reports collectively referred to as the CLEA Guidance. The CLEA Guidance has included a number of publications which have provided initial screening values for soil contamination based on standard land uses and soil assumptions.

CLEA guidance has gone through a number of revisions over time. Tier 1 generic S4UL values have been published using the CLEA 1.06 Model by CIEH/LQM. These are the third set of generic assessment criteria generated by CIEH and replace the previous two sets of GACs (Generic Assessment Criteria). The revised S4UL values are based on greater knowledge of relevant toxicology and further consideration of exposure frequencies.

C4SL values for six determinands including lead was published by DEFRA/CL:AIRE in December 2014 and they represent a low risk as opposed to minimal risk. These screening values were published by DEFRA for Part 2A use, although with the dual purpose for use under planning. However, S4ULs remain the first reference due to the broader range of end uses and soil organic content.

The preference from the EA is that site specific screening levels are used wherever possible. Due to numerous factors it is not always possible to utilise site specific values. In these instances the following data sources are used in the order of preference given below:

- CIEH S4UL values (derived by CIEH/LQM).
- DEFRA/CL:AIRE C4SL's.
- CL:AIRE GAC values.
- Guidance from other European countries.
- Guidance from the outside Europe.

Controlled Waters
The European Water Framework Directive (WFD) became UK law in December 2003. It was created to ensure that European countries manage their rivers, groundwater and lakes so that they stay healthy for people and for wildlife.

This is achieved by the use of chemical standards for surface waters and groundwater. These values describe concentrations of chemicals that are not expected to cause harm to environmental organisms or human health, provided they are not exceeded. The same chemical may have several standards for different environmental regimes, and for different protection objectives.

Statutory Standards are set in legislation and if exceeded, this constitutes non-compliance with statutory obligations. European Directives are implemented in England and Wales by corresponding statutory instruments (i.e. regulations). The statutory instruments can be the exact same standards as they appear in the Directive or be more stringent.

A number of non-statutory standards also exist, these are set by various organisations (including the EA) for chemicals that are considered to be of concern, but are not covered by any specific legislation.

The chemical standards used in the UK to control impaction of contamination on controlled waters are Environmental Quality Standards (EQS). The EQS's cover a large number of compounds.

Where certain compounds are not covered by the EQS these are commonly compared to the UK Drinking Water Standards (DWS).

Further Assessment
When screening values are exceeded then further consideration is required. This could include the use of simple measures to break the pollution pathway and mitigate the risk, further additional detailed investigation, including the deriving of site-specific values to better define the risk, and to design appropriate remedial measures.

Re-Use Of Waste - Guidance Note

Definition of Waste
The Environment Agency considers waste to be "*...any material that is discarded, or intended to be discarded*..." This includes any soil from trenches, footing, site strip etc. It is no longer required in its original location, therefore it is considered to be waste.

CL:AIRE: Code of Practice
Where materials are excavated for construction purposes, wherever possible these should be retained on site for engineering purposes if they are suitable for use. This can be implemented under the CL:AIRE "Development Industry Code of Practice for the Definition of Waste" (CL:AIRE DoWCoP), also commonly referred to as a "Materials Management Plan".

The developer/contractor is advised to complete all works under the DoWCoP.

Potential scenarios where soils may be able to be re-used:

- Material capable of being used in another place on the same site without treatment.
- Material capable of being used in another place on the same site following ex-situ treatment on site.
- Material capable of being used in another development site without treatment (Direct Transfer).
- Material capable of being used in another development site following ex-situ treatment on another site eg Hub site.

The Code of Practice requires 4 No. Factors to be addressed:

1) Protection of human health and protection of the environment.
2) Suitability of use, without further treatment.
3) Certainty of use.
4) Quantity of material.

In order to satisfy these requirements the following are required:

i) Consultation/approval with Local Authority & Environment Agency to confirm they have no objections to the proposed re-use of waste soils, or the risk assessments for the site.
ii) Risk Assessments to demonstrate that the site does not present an Environmental Hazard.
iii) Remediation Strategy for contaminated sites (or Design Statement for non-contaminated sites).
iv) Materials Management Plan (MMP) which details material generated stockpiles and the end use.
v) Volume calculations.
vi) Planning permission for the development.
vii) Contractual details to be clear, regarding who steps in is a contractor goes into administration/liquidation.

The use of the CoP is effectively industry regulated, there is a requirement to appoint an independent Qualified Person (QP) who checks all the requirements have been met and registers the documentation with the Environment Agency. This person must not have had any involvement with the preparing of the risk assessments or remedial strategy on the site.

Soils which require treatment on site (eg bioremediation, stabilisation) will require an Environmental Permit for treatment, together with justification and validation to prove, once treated, this material is suitable for use.
Site management procedures need to be in place to ensure that material is tracked through from excavation stockpiling, treatment and remediation processes. Should the process of material tracking be considered non-robust, or not adhered to, this may fail the test whether excavated materials may be considered non-waste.

Waste Classification for Soils

Introduction
Waste producers have a duty of care to classify the waste they are producing:

- Before it is collected, disposed of or recovered.
- To identify the controls that apply to the movement of the waste.
- To complete waste documents and records.
- To identify suitably authorised waste management options.
- To prevent harm to people and the environment.

The most sustainable and economic method of dealing with waste soil is usually the retention and re-use on site. Where this is not possible there are three main options for the disposal of soils:

1. Disposal to a permitted waste recycling facility.
2. Re-use on another site (subject to the suitability).
3. Disposal to a landfill site.

The disposal to a permitted facility will be subject to the **specific conditions of the permits for each individual facility** and will vary dependent on location and environmental sensitivity of the receiving site. Re-use on another site will also be subject to the acceptability criteria of that site.

The guidance below relates to disposal to **landfill sites only**.

Background for Landfill Disposal
In July 2005 the United Kingdom implemented the European Directive 1999/31/EC (The Landfill Directive), this introduced the current regime for waste and waste disposal to landfill. The Landfill Directive places controls on waste disposal. These controls include requirements to follow the waste acceptance procedures and criteria that have been agreed by the Council of the European Union and are laid out in Council Decision 2003/33/EC.

Before a waste can be accepted at a landfill site, the landfill **operator** must be satisfied that the waste meets his permit conditions, the waste acceptance procedures (WAP) and waste acceptance criteria (WAC).

If disposal to landfill is the best management option for the waste soils, these procedures **must** be followed or the operator may refuse to accept the waste.

Key Points:

- Not all waste can be landfilled
- Landfills are classified according to whether they can accept hazardous, non-hazardous or inert wastes.
- Wastes can only be accepted at a landfill if they meet the waste acceptance criteria (WAC) for that class of landfill.
- Most wastes must be treated before you can send them to landfill.
- There are formal processes for identifying and checking wastes that must be followed before wastes can be accepted at a landfill site.

Classification
Wastes are listed in the European Waste Catalogue (EWC 2002) and grouped according to generic industry, process or waste types. Wastes within the EWC are either hazardous or non-hazardous. Some of these wastes are hazardous without further assessment (absolute entries) or are 'mirror' entries that require further assessment of their hazardous properties in order to determine whether they are hazardous waste.

Waste soil has mirror entries on the EWC and as such the first phase of the waste classification process is that of determining if the waste is hazardous or not i.e the hazard assessment. The most common EWC waste codes related to soil are:

17 05	**soil (including excavated soil from contaminated sites), stones and dredging spoil**
17 05 03*	soil and stones containing dangerous substances
17 05 04	soil and stones other than those mentioned in 17 05 03

Soils may contain certain contaminants (eg asbestos, oil,) which have prescribed concentration thresholds, that if breached will render the material hazardous waste. These are based on specific "hazardous properties" which include hazards such as carcinogenicity, flammability and toxicity.

In the first instance the concentrations of plausible contaminants within the soil should be identified and wastes should be **classified based on their total concentrations**.

Waste Definitions

Inert	• Will not undergo any significant physical, chemical or biological transformations. • Will not dissolve. • Will not burn. • Will not physically or chemically react. • Will not biodegrade. • Will not adversely affect other matter with which it comes into contact in a way likely to give rise to environmental pollution or harm to human health. • Has insignificant total leachability and pollutant content. • Produces a leachate with an ecotoxicity that is insignificant (if it produces leachate).
Non-Hazardous	Is not inert (see above) Is not hazardous (see below)
Hazardous	Soil has hazardous properties as defined in WM3 (Guidance on the classification and assessment of waste (1st edition 2015)- Technical Guidance)
Stable Non-reactive hazardous waste#	Hazardous waste, the leaching behaviour of which will not change adversely in the long-term, under landfill design conditions or foreseeable accidents either: in the waste alone (for example, by biodegradation), under the impact of long-term ambient conditions (for example, water, air, temperature or mechanical constraints) or by the impact of other wastes (including waste products such as leachate and gas).

This option allows hazardous waste that is stable and thus has a low leaching potential to be deposited in cells with a standard of containment consistent with non-hazardous wastes.

WAC Testing

The purpose of WAC analysis is to confirm that the waste complies with the relevant WAC for the receiving landfill. If the waste has any disposal route other than a landfill site (e.g. recycling facility, incineration etc) the WAC is not relevant. Furthermore, the WAC limits **cannot** be used to make an assessment of whether a waste is hazardous. WAC testing does however define if a non-hazardous waste is suitable for an inert landfill.

Classification based on Total Concentrations[1]	**Non-Hazardous Waste**		**Hazardous Waste**	
WAC testing	Below inert WAC limit values:	Above inert WAC limit values:	Below hazardous WAC limit values	Above hazardous WAC limit values
Landfill requirements	INERT landfill	NON-HAZARDOUS landfill[2]	HAZARDOUS landfill	PRE-TREATMENT[3]

1 Total concentrations are defined as tests results on solids as opposed to leachate (i.e. a liquid).
2 Individual sites may have certain limit values pre-determined in their licence.
3 After pre-treatment the material characteristics may have changed to an extent that allow the soil to be re-classified.

Hydrocarbons in Soils

WM3 uses the term Oil or Waste Oil to cover hydrocarbons products such as fuel oil, petrol or diesel. These are defined by WM3 as hazardous under an absolute entry in the List of Wastes. However, hydrocarbons in soils are a mixture rather than a pure product and are therefore not absolute entries.

Known Oils

The simplest scenario is where the identity of the contaminating oil is known or can be identified. If the oil is known the manufacturer's or supplier's REACH compliant safety data sheet for the specific oil can be obtained and the hazard statement codes on that Safety Data Sheet can be used for the hazardous waste assessment.

Where the identity of the oil can only be identified down to a petroleum group level (i.e. the contaminating oil is known to be diesel, but the specific type/brand is unknown), then the classification of that petroleum group should be used in the assessment. The marker compounds associated with that petroleum group may be used to confirm carcinogenicity.

Oils may contain a range of hydrocarbons, so the presence of for instance Diesel Range Organics (DRO) does not enable the assessor to conclude that diesel is present. These hydrocarbons may have arisen from other oils, the laboratory needs to provide an interpretation of the chromatograph to determine if it is consistent with diesel or weathered diesel as a whole.

The concentration of known oils should be determined using a method that as a minimum spans the range in which the carbon numbers for that known oil fall.

Unknown Oils

Where hydrocarbons are contaminating soils, it is likely that the oil will be unknown or cannot be determined.

WM3 states that:

> For contaminated land specific consideration must be given to the following before proceeding;
>
> - The presence of other organic contaminants, for example solvents or coal tar that could be detected as hydrocarbons. Coal Tar is not an oil and is considered separately in WM3 example 2. Where the site history or investigation indicates the presence of hydrocarbons from oil and other sources (e.g. coal tar), and the origin of the hydrocarbons cannot reliably be assigned to either, then a worst case approach of considering the hydrocarbons both as waste oil (in accordance with this example) and from other sources, for example coal tar should be taken.
> - The presence of diesel, or weathered diesel, should be specifically considered by the laboratory and where this is confirmed by the hydrocarbon profile the oil should be assessed as a known or identified oil (diesel).

The use of marker compounds is optional; however, it is recommended that where possible the marker compounds should be used. WM3 states:

> If the identity of the oil is unknown, and the petroleum group cannot be established, then the oil contaminating the waste can be classified as non-carcinogenic/mutagenic due to the presence of oil if all three of the following criteria are met:
>
> - The waste contains benzo[a]pyrene (BaP) at a concentration of less than 0.01% (1/10,000th) of the TPH concentration (This is the carcinogenic limit specified in table 3.1 of the CLP for BaP)
> - This has been determined by an appropriate and representative sampling approach in accordance with the principles set out in Appendix D of WM3, and
> - The analysis clearly demonstrates, for example by carbon bands or chromatograph, and the laboratory has reasonably concluded that the hydrocarbons present have not arisen from petrol or diesel.

For example:

TPH Concentration (mg/kg)	Petrol or Diesel	BaP (mg/kg)	Classification
10,000	No	0.9	Non- Hazardous
1,000	No	Not available	Hazardous
1,000	Yes	Not relevant	Hazardous

References

1. Environmental Permitting (England and Wales) Regulations 2010 (as amended) (EP Regulations), the Landfill Directive (1999/31/EC) and the subsequent Council Decisions.
2. Environment Agency Environmental Permitting Regulations: "Inert Waste Guidance- Standards and Measures for the Deposit of Inert Waste on Land" 2009.
3. Environment Agency "Waste acceptance at landfills - Guidance on waste acceptance procedures and criteria" Nov 2010.
4. Environment Agency "Guidance on the classification and assessment of waste (Technical Guidance WM3)".
5. Classification, Labelling and Packaging of Substances Regulation (EC 1272/2008) (CLP).
6. Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives
7. 2014/955/EU: Commission Decision of 18 December 2014 amending Decision 2000/532/EC on the list of waste pursuant to Directive 2008/98/EC of the European Parliament
8. Environmental Permitting Guidance The Landfill Directive For the Environmental Permitting (England and Wales) Regulations 2010 Updated March 2010 Version 3.1
9. Classification, Labelling and Packaging of Substances Regulation (EC 1272/2008) (CLP).

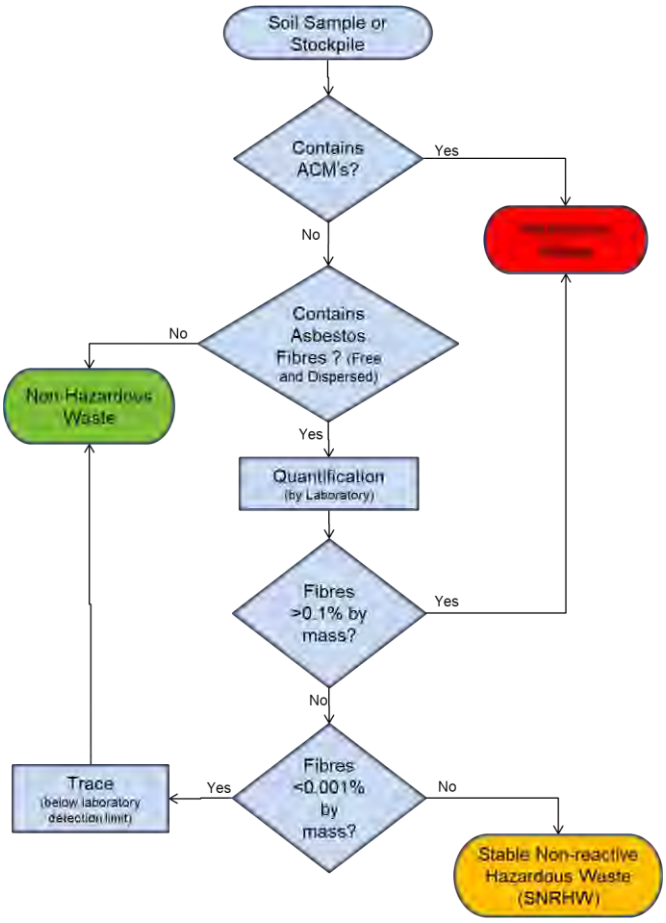
Additional Asbestos Guidance Notes

Disposal

The 1st Edition of WM3 "Guidance on the classification and assessment of waste", details the way in which Asbestos is assessed within soils.

The assessment of asbestos containing waste is dependent on whether the asbestos is present as:

- Fibres that are free and dispersed, or
- Identifiable pieces of asbestos containing materials (ACM's)



Identifiable pieces of asbestos are any particle of a size that can be identified as potentially being asbestos by a competent person if examined by the naked eye. The result is that commonly soils with visible ACM's are sorted and the ACM's removed by hand picking and separate disposal.

Asbestos concentrations below 0.001% by mass are below standard laboratory detection limits and are not currently regarded as containing asbestos for the purposes of disposal and may be disposed of to an inert landfill site[1]. These levels are often termed "trace" by laboratories.

Asbestos concentrations between 0.001% and 0.1% are stable non-reactive hazardous waste (SNRHW)[1]. Waste transfer stations where soil recycling takes place may be able to take SNRHW, but are unlikely to take soils containing asbestos above trace concentrations.

The following codes should be assigned to the asbestos waste as appropriate:

17 06	**Insulation materials and asbestos-containing construction materials**
17 06 01	Insulation materials containing asbestos
17 06 03	Other insulation materials consisting of or containing hazardous substances
17 06 04	Insulation materials other than those mentioned in 17 06 01 and 17 06 03
17 06 05	Construction material containing asbestos

WM3 indicates that 17 06 05 would normally be used in preference to 17 06 01 for the asbestos in asbestos contaminated soil and stones.

Construction materials containing asbestos and "*other suitable materials*" may be landfilled at landfills for non-hazardous waste in accordance with the Landfill Directive without testing.

This means that wastes that are only hazardous because of their asbestos content can be disposed of at landfills for non-hazardous waste in separate landfill cells that only accept asbestos wastes and other suitable materials. The Landfill Directive requires that stable non-reactive hazardous waste shall not be deposited with biodegradable waste (for example organic material, household waste, paper etc..) and must meet the waste acceptance criteria set out in accordance with Annex II.

Construction
Health and Safety Executive (HSE) guidance on asbestos is not directly related to soil and much of the guidance focuses on the removal of asbestos from buildings. The overarching legislation is the Control of Asbestos Regulation (CAR 2012). However, where work involves (or is likely to involve) contact with asbestos then CAR 2012 requires a risk assessment including whether or not the work is licensed or notifiable non-licensed work and may require an Asbestos Management Plan. Work becomes notifiable if it is considered that the control limit could be exceeded.

Brownfield sites frequently have soils that contain asbestos and the presence of asbestos needs to be considered within the context of construction, particularly in relation to groundworks. The exposure of soils and the use of excavators and plant to move soil around increases the possibility of fibres becoming airborne. However, it is good site practice to not generate dusts and to employ dust suppression on all sites regardless of the presence of asbestos.

The legal control limit for asbestos is 0.1f/ml over a continuous four-hour period. The control limit is not a '*safe*' level and exposure from work activities involving asbestos must be reduced to as far below the control limit as possible.

Clearly the higher the concentrations in the soil the greater potential there is for fibres to be released, however IOM publication TM/88/14 "the release of dispersed asbestos fibres from soil" 1988 concludes that:

- Mixtures of asbestos in dry soils with asbestos content as low as 0.001% can produce airborne respirable asbestos concentrations greater than 0.1f/ml in dust clouds where the respirable dust concentrations are less than 5mg/m^3.
- An action limit is recommended of no higher than 0.001% asbestos in soils above which steps should be taken to minimise exposure to airborne fibres (e.g. by wetting).
- The addition of relatively small quantities (10%) of water can reduce the airborne fibre concentrations by an order of magnitude.

Where asbestos has been identified at concentrations above 0.001% as free and dispersed fibres in the soil precautions need to be adopted. Concentrations below this are considered to be normal background, although good site practice dictates that the generation of dusts should be avoided and therefore any fugitive fibre release from minor concentrations should be kept to a practical minimum.

End Use

The use of materials containing asbestos and material containing asbestos is prohibited under EU legislation. There is currently a Joint Industry Working Group (JIWG) tasked with producing a Code of Practice for Asbestos in Soil, Made Ground and Construction & Demolition Material that will clarify in due course the position of the various government agencies.

Asbestos containing materials can remain in situ under a suitable cover system which may be hardsurfacing or soft landscaping (with or without hard dig layers and markers).

There is a risk that future maintenance may compromise such systems and details of the presence of asbestos should be kept in the Health and Safety File.

Preliminary publications from JIWG (April 2015) provide guides for decision making in relation to construction.

The re-use of waste soils should be undertaken in accordance with the CL:AIRE Code of Practice and is subject to suitable risk assessments demonstrating low risk . There is nothing that specifically excludes the re-use of soils containing asbestos as fill to raise levels. However, the movement of materials increases the risk of fibres becoming airborne and suitable precautions will be required.

The re-use of soils containing asbestos at concentrations above hazardous waste levels is likely to meet with regulatory opposition. Assuming a suitable strategy could be agreed this would take a considerable amount of time and is only likely to be feasible where there is a long program for implementation.

Asbestos in Soil as Free Fibres

Concentration (by weight)	Waste Disposal				Construction Issues	End Use	
	Recyc	Inert	SNR	Hazardo		Suitable for re-use on site	Precautions
Not detected	√	√			No precautions necessary, however on a brownfield site asbestos not previously identified may be found during works and a statement within the contractors method statement for how they will deal with this unforeseen asbestos would be good practice to ensure compliance with CAR2012.	Yes	None
Trace (<0.001%)		√ [2]			Precautions are unlikely to be required, however a detailed method statement may be required to ensure compliance with CAR2012. Basic asbestos management good practice will be required. Typically precautions would include: • Ensuring soils do not dry out to become dusty. • Site personnel have the risk communicated at induction stage.	Yes Soils can be re-used under CL:AIRE CoP with the correct precautions in place.	Generally clean cover or hardstanding cover required.
0.001% – 0.099%			√		Contractor needs to produce an Asbestos Management Plan in accordance with CAR2012 as part of their method statement. Typical precautions would include: • Site personnel have the risk communicated at induction stage. • Ensuring personnel have suitable training. • Task monitoring to inform PPE requirements. • Ensuring soils do not dry out to become dusty and that misting is available during groundworks. • Separate stockpiling. • Clean haulage routes.	Possibly Soils may be able to be re-used under CL:AIRE CoP, subject to a satisfactory Risk Assessment and regulatory agreement with the correct precautions in place.	Clean cover or hardstanding cover required.
0.1+%				√	Contractor needs to produce an Asbestos Management Plan in accordance with CAR2012 as part of their method statement. Typical precautions would include: • Site personnel have the risk communicated at induction stage. • Ensuring personnel have suitable training. • Task monitoring to inform PPE requirements. • Site wide and or perimeter monitoring. • Ensuring soils do not dry out to become dusty and that misting is available during groundworks. • Separate stockpiling. • Clean haulage routes. • Decontamination unit	Unlikely [3] Re-use of soils containing asbestos within an earthworks scheme will involve significant engineering and the Risk for generating dusts will be significantly increased with	Clean cover and a hard dig layer. A plan should be in place for future excavations as part of the Health and Safety File.

Concentration (by weight)	Waste Disposal				Construction Issues	End Use	
	Recyc	Inert	SNR	Hazardo		Suitable for re-use on site	Precautions
						repeated handling and compaction.	

1. The standard laboratory detection limit is normally 0.001%. Below 0.001% is trace and currently regarded as not containing asbestos for the purposes of disposal off site. However the waste producer has a duty to fully classify the waste and the presence of trace asbestos should be declared. Consequently it is unlikely that a waste treatment site will take this soil and an inert landfill may make a commercial decision to only take it under some circumstances.

2 The re-use of soils containing asbestos at concentrations above hazardous waste is likely to meet with regulatory opposition. Assuming a suitable strategy could be agreed this would take a considerable amount of time and is only likely to be warranted where there a long program for implementation.

APPENDIX B

Exploratory Hole Logs

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
SA01
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388138E, 395025N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	61.45m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	18/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
				0.25	61.20		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
				0.60	60.85		MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
							Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
				1.60	59.85		End of Trial Pit at 1.60m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. SA02
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388254E, 394999N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.51m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	18/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
				0.25	62.26		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
							MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
				2.00	60.51		Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
				3.00	59.51		End of Trial Pit at 3.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
SA03
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388371E, 395062N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.61m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	18/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
				0.25	63.36		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
				0.80	62.81		MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
				2.00	61.61		Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
							End of Trial Pit at 2.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

			No. SA04 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388472E, 395045N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.47m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	18/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
				0.25	64.22		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
							MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
				1.20	63.27		Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
				2.20	62.27		End of Trial Pit at 2.20m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. SA05
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388386E, 394968N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.30m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	18/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
				0.25	63.05		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
							MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
				1.50	61.80		Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
				2.60	60.70		End of Trial Pit at 2.60m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

			No. TP01
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388136E, 395043N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	61.52m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	12/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
				0.20	61.32		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
	0.30-0.50	ES					
	0.50	HSV	81kPa	0.50	61.02		MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	0.60	ES					
	1.00	HSV	113kPa				Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	1.20	D					
	1.50	HSV	140kPa				*Becoming very stiff at 1.50m bgl.*
							Becoming friable at 1.90m bgl.
				3.00	58.52		End of Trial Pit at 3.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388130E, 395069N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	61.74m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	12/10/22

No.	Hole Type	Scale	Logged	Checked
TP02	TP	1:25	MS	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.10-0.30	ES		0.30	61.44		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
	0.50	HSV	86kPa				MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	0.60	D		0.75	60.99		Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	1.00	HSV	102kPa				
	1.50	D HSV	140kPa				*Becoming very stiff at 1.50m bgl.*
	2.50	D		3.00	58.74		End of Trial Pit at 3.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP03
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388149E, 395133N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.09m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	12/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.05-0.10	ES		0.05	62.04		MADE GROUND: Tarmacadam.
							MADE GROUND: Greyish brown sand gravel. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of limestone
	0.50-0.70	ES		0.50	61.59		MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	0.75	D HSV	33kPa	0.70	61.39		Soft black slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone. Slight organic odour.
	1.00	D HSV	54kPa	0.95	61.14		Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	1.50	D HSV	117kPa				
	2.00	HSV	140kPa				*Becoming very stiff and friable at 2.00m bgl.*
	2.50	D					
				3.00	59.09		End of Trial Pit at 3.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP04 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388131E, 395109N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.08m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	12/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
				0.05	62.03		MADE GROUND: Tarmacadam.
							MADE GROUND: Greyish brown sand gravel. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of limestone
	0.35-0.45	ES		0.30 0.35	61.78 61.73		
	0.50	D HSV	73kPa	0.45	61.63		MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
							Soft dark grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone. Slight organic odour.
	1.00	D HSV	115kPa				Firm to stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	1.50	HSV	140kPa				*Becoming very stiff at 1.50m bgl.*
	2.00	D HSV	140kPa				*Becoming friable at 2.20m bgl.*
	3.00	D		3.00	59.08		End of Trial Pit at 3.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP05
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:** 388195E, 395094N	**Hole Type** TP
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:** 62.31m OD	**Scale** 1:25
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:** 12/10/22	**Logged** MS / **Checked** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.10-0.20	ES		0.30	62.01		TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
	0.50	D HSV	86kPa				Firm to stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	1.00	HSV	129kPa				
	1.50	D HSV	140kPa				*Becoming very stiff and friable at 1.50m bgl.*
				3.00	59.31		End of Trial Pit at 3.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388216E, 395124N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.09m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	12/10/22

No.	Hole Type	Scale	Logged	Checked
TP06	TP	1:25	MS	AJS
Sheet 1 of 1				

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.10-0.20	ES		0.25	62.84		TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
	0.50	D HSV	107kPa				Firm to stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	1.00	D HSV	138kPa				
	1.50	HSV	140kPa				*Becoming very stiff and friable at 1.50m bgl.*
	2.00	D					
	3.00	D		3.00	60.09		End of Trial Pit at 3.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP07
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388237E, 395082N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.92m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	12/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.60	ES		0.25	62.67		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
	0.70	D HSV	82kPa	0.65 0.70	62.27 62.22		MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	1.00	HSV	126kPa				Soft black slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone. Slight organic odour.
	1.20	D					Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	1.50	HSV	140kPa				*Becoming very stiff at 1.50m bgl.*
	2.00	D HSV	140kPa				*Becoming friable at 2.00m bgl.*
				3.00	59.92		End of Trial Pit at 3.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD				No.	TP08
				Sheet 1 of 1	
PROJECT NO:	C5150	**CO-ORDS:**	388232E, 395055N	**Hole Type**	TP
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.85m OD	**Scale**	1:25
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	12/10/22	**Logged** MS	**Checked** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.40	ES		0.25	62.60		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
				0.40	62.45		MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	0.60	D HSV	83kPa				Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	1.00	HSV	135kPa				
	1.50	D HSV	140kPa				*Becoming very stiff at 1.50m bgl.*
							Becoming friable at 1.80m bgl.
				3.00	59.85		End of Trial Pit at 3.00m

1.0
2.0
3.0
4.0
5.0

Remarks 1. No groundwater encountered. 2. Sides stable. 3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP09 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388266E, 395114N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.66m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	12/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.20-0.40	ES		0.20	62.46		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
	0.70	D HSV	93kPa	0.60	62.06		MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	1.00	D HSV	140kPa				Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
							Becoming very stiff at 1.00m bgl.
	1.50	HSV	140kPa				
	2.00	D HSV	140kPa				
							Becoming friable at 2.20m bgl.
	3.00	D					
				3.20	59.46		End of Trial Pit at 3.20m

1.0
2.0
3.0
4.0
5.0

Remarks 1. No groundwater encountered. 2. Sides stable. 3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP10
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388301E, 395060N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.28m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	12/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.60	ES		0.25	63.03		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
				0.80	62.48		MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
				0.90	62.38		Soft black slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone. Slight organic odour.
	1.00	D HSV	52kPa				Firm to stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	1.25	D HSV	122kPa				*Becoming stiff at 1.25m bgl.*
	1.75	HSV	140kPa				*Becoming very stiff at 1.75m bgl.*
	2.00	HSV	140kPa				*Becoming friable at 2.20m bgl.*
	2.50	D					
				3.00	60.28		End of Trial Pit at 3.00m

1.0
2.0
3.0
4.0
5.0

Remarks 1. No groundwater encountered. 2. Sides stable. 3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

		No.	TP11
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388326E, 395090N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.42m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	12/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.10-0.20	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
	0.30-0.60	D		0.25	63.17		MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	1.00	D HSV	86kPa	0.90	62.52		Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	1.50	D HSV	140kPa				*Becoming very stiff at 1.50m bgl.*
	2.00	HSV	140kPa				*Becoming friable at 2.00m bgl.*
	2.50	D					
				3.00	60.42		End of Trial Pit at 3.00m

1.0
2.0
3.0
4.0
5.0

Remarks 1. No groundwater encountered. 2. Sides stable. 3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

		No.	TP12
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388351E, 395122N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.58m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	12/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.45	ES		0.20	63.38		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
	0.50	D HSV	83kPa	0.45	63.13		MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	1.00	HSV	122kPa				Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	1.50	D HSV	140kPa				*Becoming very stiff at 1.50m bgl.*
							Becoming friable at 1.80m bgl.
	2.00	D					
	3.00	D		3.00	60.58		End of Trial Pit at 3.00m

1.0
2.0
3.0
4.0
5.0

Remarks 1. No groundwater encountered. 2. Sides stable. 3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP13
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388403E, 395129N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.76m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	13/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.60	ES		0.25	63.51		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
							MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	1.70	D HSV	48kPa	1.60	62.16		Firm brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	2.20	HSV	45kPa				
	2.50	D					
	3.00	HSV	47kPa				
	3.50	D HSV	121kPa				*Becoming stiff at 3.50m bgl.*
	4.00	D HSV	123kPa				
				4.20	59.56		End of Trial Pit at 4.20m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP14
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388422E, 395105N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.01m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	13/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.10-0.20	ES		0.25	63.76		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
	0.30-0.60	ES					MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	1.75	D HSV	54kPa	1.70	62.31		Firm brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	2.50	D HSV	52kPa				
	3.00	HSV	57kPa				
	3.50	D HSV	127kPa				*Becoming stiff at 3.50m bgl.*
	4.00	HSV	140kPa	4.00	60.01		End of Trial Pit at 4.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388463E, 395148N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.01m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	13/10/22

No. TP15 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MS **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.10-0.20	ES		0.30	63.71		TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
	0.40	D HSV	82kPa				Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	1.00	D HSV	113kPa				
	1.50	HSV	140kPa				*Becoming very stiff and friable at 1.50m bgl.*
	2.00	D					
	3.00	D		3.10	60.91		End of Trial Pit at 3.10m

1.0 2.0 3.0 4.0 5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP16
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388486E, 395117N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.15m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	13/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.10-0.30	ES		0.30	63.85		TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
	0.50	D HSV	140kPa				Very stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	1.00	D					
	2.00	D					
				2.20	61.95		End of Trial Pit at 2.20m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP17
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388427E, 395078N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.26m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	13/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.60	ES		0.25	64.01		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
							MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	1.75	D HSV	54kPa	1.70	62.56		Firm brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	2.00	HSV	64kPa				
	2.50	D HSV	140kPa				*Becoming very stiff at 2.50m bgl.*
				3.00	61.26		End of Trial Pit at 3.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388355E, 395067N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.56m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	13/10/22

No.	Hole Type	Scale	Logged	Checked
TP18	TP	1:25	MS	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.60	ES		0.25	63.31		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
	1.00	D HSV	81kPa	1.00	62.56		MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	2.00	D HSV	124kPa				Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	2.50	HSV	140kPa				*Becoming very stiff at 2.50m bgl.*
	3.00	D					*Becoming friable at 2.60m bgl.*
				3.20	60.36		End of Trial Pit at 3.20m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP19 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388493E, 395067N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.33m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	13/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.60	ES		0.25	64.08		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
	0.80	D HSV	140kPa	0.80	63.53		MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	2.00	D					Very stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone. *Becoming friable at 1.00m bgl.*
	3.00	D		3.00	61.33		End of Trial Pit at 3.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP20 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388422E, 395049N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.17m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	13/10/22

Hole Type: TP
Scale: 1:25
Logged: MS
Checked: AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.60	ES		0.25	63.92		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
							MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	1.80	D HSV	89kPa	1.80	62.37		Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	2.50	D HSV	140kPa				*Becoming very stiff at 2.50m bgl.*
							Becoming friable at 2.80m bgl.
				3.40	60.77		End of Trial Pit at 3.40m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP21
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:** 388372E, 395043N	**Hole Type** TP
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:** 63.52m OD	**Scale** 1:25
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:** 13/10/22	**Logged** MS / **Checked** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.10-0.20	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
	0.30-0.60	ES		0.25	63.27		MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	1.20	D HSV	70kPa	1.10	62.42		Firm to stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	1.70	D HSV	115kPa				*Becoming stiff at 1.70m bgl.*
	2.30	HSV	140kPa				*Becoming very stiff at 2.30m bgl.*
	3.00	D		3.20	60.32		End of Trial Pit at 3.20m

1.0 2.0 3.0 4.0 5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

			No. TP22 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388321E, 395036N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.14m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	13/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.60	ES		0.25	62.89		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
							MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
				1.40	61.74		
	1.50	D HSV	83kPa				Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	2.00	HSV	117kPa				
	2.50	D HSV	140kPa				*Becoming very stiff at 2.50m bgl.*
							Becoming friable at 2.60m bgl.
				3.00	60.14		End of Trial Pit at 3.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388262E, 395030N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.74m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	13/10/22

No. TP23 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MS **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.60	ES		0.25	62.49		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
							MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	1.30	D HSV	105kPa	1.20	61.54		Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	2.00	D HSV	125kPa				
	2.50	HSV	140kPa				*Becoming very stiff at 2.50m bgl.*
							Becoming friable at 2.60m bgl.
	3.00	D		3.00	59.74		End of Trial Pit at 3.00m

1.0 2.0 3.0 4.0 5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

		No.	TP24
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388303E, 394991N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.97m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	13/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.10-0.20	ES		0.25	62.72		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
	0.60-0.90	ES					MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	2.50	D HSV	71kPa	2.50 2.60	60.47 60.37		Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
							End of Trial Pit at 2.60m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Right and left wall collapsed from 0.70m to 2.20m bgl.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

		No.	TP25
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388367E, 395010N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.19m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	13/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.60	ES		0.25	62.94		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
							MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
				2.00	61.19		
	2.10	D HSV	43kPa	2.10	61.09		Soft black slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone. Slight organic odour.
							Firm grey mottled brown very sandy CLAY. Sand is fine to coarse.
				2.60	60.59		
	2.70 2.75	HSV D	140kPa				Very stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	3.20	HSV	140kPa	3.20	59.99		End of Trial Pit at 3.20m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388442E, 395032N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.27m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	13/10/22

No.	Hole Type	Scale	Logged	Checked
TP26	TP	1:25	MS	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.60	ES		0.20	64.07		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
	1.20-1.50	ES					MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	2.20	D HSV	52kPa	2.10	62.17		Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	2.70	D HSV	101kPa				
	3.00	HSV	140kPa	3.00	61.27		End of Trial Pit at 3.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388491E, 395033N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.40m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	14/10/22

No. TP27 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MS **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.10-0.20	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
	0.30-0.60	ES		0.25	64.15		MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	1.40	D		1.40	63.00		Soft black slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone. Slight organic odour.
	1.50	HSV	52kPa	1.60	62.80		Firm to stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	1.75	D HSV	62kPa				
	2.00	HSV	112kPa				*Becoming stiff at 2.00m bgl.*
	2.25	D					
	2.50	HSV	140kPa				*Becoming very stiff at 2.50m bgl.*
	3.00	HSV	140kPa	3.00	61.40		End of Trial Pit at 3.00m

1.0 2.0 3.0 4.0 5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP28
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388451E, 395002N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.10m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	14/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.60	ES		0.25	63.85		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
							MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	2.20	D HSV	45kPa	2.10	62.00		Firm to stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	2.60	HSV	50kPa				
	3.10	D HSV	114kPa				*Becoming stiff at 3.10m bgl.*
							Becoming friable at 3.30m bgl.
				4.00	60.10		End of Trial Pit at 4.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388404E, 394992N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.50m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	14/10/22

No. TP29 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MS **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.60	ES		0.25	63.25		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
							MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
				2.20	61.30		Firm to stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	2.50	D HSV	53kPa				
	3.00	D HSV	113kPa				*Becoming stiff at 3.00m bgl.*
	3.50	HSV	140kPa				*Becoming very stiff at 3.50m bgl.*
				3.60	59.90		End of Trial Pit at 3.60m

1.0 2.0 3.0 4.0 5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388367E, 394971N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.15m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	14/10/22

No. TP30 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MS **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.10-0.20	ES		0.25	62.90		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
							MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass, bone and mudstone.
	2.00	D HSV	40kPa	1.90	61.25		Soft black slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone. Slight organic odour.
	2.50	HSV	61kPa	2.20	60.95		Firm to stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	3.00	D HSV	92kPa				
	3.50	HSV	116kPa				*Becoming stiff at 3.50m bgl.*
	4.00	HSV	140kPa	4.00	59.15		End of Trial Pit at 4.00m

1.0 2.0 3.0 4.0 5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP31 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388320E, 394947N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.06m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	14/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.60	ES		0.25	62.81		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
							MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	2.00	D HSV	42kPa	1.90	61.16		Firm to stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	2.50	D HSV	123kPa				*Becoming stiff at 2.50m bgl.*
	3.00	HSV	140kPa				*Becoming very stiff at 3.00m bgl.*
				3.30	59.76		End of Trial Pit at 3.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP32
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388285E, 394926N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.86m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	14/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.60	ES		0.25	62.61		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
							MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	1.80	D HSV	42kPa	1.80	61.06		Soft to firm black slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone. Slight organic odour.
				2.00	60.86		Very stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	2.10	D HSV	140kPa				
	2.50	HSV	140kPa				
	3.00	HSV	140kPa				
				3.20	59.66		End of Trial Pit at 3.20m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP33
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388333E, 394917N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.01m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	14/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.60	ES		0.25	62.76		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
							MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	1.50	D HSV	74kPa	1.40	61.61		Firm to stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	2.00	HSV	115kPa				*Becoming stiff at 2.00m bgl.*
	2.20	D					*Becoming friable at 2.20m bgl.*
				3.00	60.01		End of Trial Pit at 3.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388406E, 394961N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.51m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	14/10/22

No. TP34 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MS **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.60	ES		0.25	63.26		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
							MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
				1.50	62.01		
				1.60	61.91		Soft black slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone. Slight organic odour.
	1.75	D HSV	82kPa				Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	2.20	D HSV	82kPa				
	3.00	HSV	140kPa				*Becoming very stiff at 3.00m bgl.*
	3.20	D		3.20	60.31		End of Trial Pit at 3.20m

1.0 2.0 3.0 4.0 5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388472E, 394979N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.12m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	14/10/22

No.	Hole Type	Scale	Logged	Checked
TP35	TP	1:25	MS	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.60	ES		0.25	63.87		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
							MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	2.00	D HSV	41kPa	1.90	62.22		Firm to stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	2.50	D HSV	114kPa				*Becoming stiff at 2.50m bgl.*
	3.00	HSV	140kPa				*Becoming very stiff at 3.00m bgl.*
				3.30	60.82		End of Trial Pit at 3.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP36
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388528E, 394991N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.27m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	14/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.60	ES		0.30	63.97		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
							MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	2.10	HSV	42kPa	2.10	62.17		Firm to stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	2.20	D					
	2.50	HSV	112kPa				*Becoming stiff at 2.50m bgl.*
	3.00	D HSV	140kPa				*Becoming very stiff at 3.00m bgl.*
				3.50	60.77		End of Trial Pit at 3.50m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388163E, 395004N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	61.69m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	18/10/22

No.	
TP37	
Sheet 1 of 1	
Hole Type	
TP	
Scale	
1:25	
Logged	**Checked**
MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.60	ES		0.25	61.44		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
							MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	1.00	D HSV	74kPa	0.90	60.79		Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	2.00	D HSV	122kPa				
	2.50	HSV	140kPa				*Becoming very stiff at 2.50m bgl.*
				3.00	58.69		End of Trial Pit at 3.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP38 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388226E, 394969N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.29m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	18/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.10-0.20	ES		0.25	62.04		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
							MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	2.10	D HSV	59kPa	2.10	60.19		Soft to firm black slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone. Slight organic odour.
	2.50	HSV	72kPa	2.40	59.89		Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	3.00	D HSV	140kPa				*Becoming very stiff at 3.00m bgl.*
	3.50	HSV	140kPa	3.50	58.79		End of Trial Pit at 3.50m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP39
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388179E, 394927N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	61.89m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	18/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.60	ES		0.25	61.64		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
							MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	1.80	HSV	59kPa	1.80	60.09		Firm black slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone. Slight organic odour.
	2.20	D HSV	72kPa	2.10	59.79		Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	2.70	D HSV	117kPa				
	3.20	HSV	140kPa	3.20	58.69		End of Trial Pit at 3.20m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

		No.	TP40
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388248E, 394895N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.47m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	18/10/22

Hole Type	Scale	Logged	Checked
TP	1:25	MS	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.30-0.60	ES		0.25	62.22		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
							MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
	1.25	D HSV	77kPa	1.20	61.27		Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
	2.00	D HSV	114kPa				
	2.50	HSV	140kPa				*Becoming very stiff at 2.50m bgl.*
				3.00	59.47		End of Trial Pit at 3.00m

1.0
2.0
3.0
4.0
5.0

Remarks

1. No groundwater encountered.
2. Sides stable.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Borehole Log

PROJECT NO:	C5150	**CO-ORDS:**	388184E, 395044N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.04m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	10/10/22

Window Sampler No.	
WS01	
Sheet 1 of 1	
Hole Type	
WS	
Scale	
1:30	
Logged	**Checked**
MS	AJS

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.20	61.84		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
		0.25-0.35	ES		0.40	61.64		MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
		0.50	D					Firm to stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
		1.20	D SPT	N=12 (2,2/2,3,3,4)				
		2.00	D SPT	N=20 (2,3/4,5,5,6)				*Becoming stiff at 2.00m bgl.*
		3.00	D SPT	N=23 (3,4/5,5,6,7)				
		4.00	D SPT	N=25 (3,4/5,6,7,7)				
		5.00	D SPT	N=26 (3,4/5,6,7,8)	5.45	56.59		End of Borehole at 5.45m

1.0
2.0
3.0
4.0
5.0
6.0

Remarks

1. Hand dug service clearance pit excavated to 1.20m bgl.
2. No groundwater encountered.
3. Installation down to 5.00m, 1.00m plain, 4,00m slotted.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Borehole Log

PROJECT NO:	C5150	**CO-ORDS:**	388161E, 395106N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	61.54m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	10/10/22

Window Sampler No.	
WS02	
Sheet 1 of 1	
Hole Type	
WS	
Scale	
1:30	
Logged	**Checked**
MS	AJS

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10-0.20	ES		0.03	61.51		MADE GROUND: Tarmacadam.
		0.25-0.35	ES		0.20	61.34		MADE GROUND: Greyish brown sand gravel. Sand is fine to coarse. Gravel is angular to subangular fine to coarse of limestone
		0.50	D		0.40	61.14		MADE GROUND: Soft dark brown and grey slightly sandy slightly gravelly clay. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of brick, limestone and mudstone.
		1.20	D SPT	N=13 (3,2/2,3,4,4)				Firm to stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
								Becoming stiff at 1.60m bgl.
		2.00	D SPT	N=32 (4,5/6,8,9,9)				*Becoming very stiff at 2.00m bgl.*
		3.00	D SPT	N=34 (5,7/8,8,9,9)				
		4.00	D SPT	N=25 (4,4/5,6,7,7)				
		5.00	D SPT	N=23 (3,4/5,5,6,7)				
					5.45	56.09		End of Borehole at 5.45m

1.0
2.0
3.0
4.0
5.0
6.0

Remarks

1. Hand dug service clearance pit excavated to 1.20m bgl.
2. No groundwater encountered.
3. Installation down to 5.00m, 1.00m plain, 4,00m slotted.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Borehole Log

PROJECT NO:	C5150	**CO-ORDS:**	388213E, 395115N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.66m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	10/10/22

Window Sampler No.	Hole Type	Scale	Logged	Checked
WS03	WS	1:30	MS	AJS
Sheet 1 of 1				

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10-0.20	ES		0.25	62.41		TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
		0.40	D					Firm to stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
		1.20	D SPT	N=11 (2,2/2,3,3,3)				
		2.00	D SPT	N=31 (3,5/6,7,9,9)				*Becoming very stiff at 2.00m bgl.*
		3.00	D SPT	N=28 (3,4/5,7,8,8)				*Becoming stiff at 3.00m bgl.*
		4.00	D SPT	N=25 (3,4/5,6,7,7)	4.45	58.21		End of Borehole at 4.45m

1.0 2.0 3.0 4.0 5.0 6.0

Remarks

1. Hand dug service clearance pit excavated to 1.20m bgl.
2. No groundwater encountered.
3. Installation down to 4.00m, 1.00m plain, 3,00m slotted.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Borehole Log

PROJECT NO:	C5150	**CO-ORDS:**	388310E, 395112N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.40m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	10/10/22

Window Sampler No.	
WS04	
Sheet 1 of 1	
Hole Type	
WS	
Scale	
1:30	
Logged	**Checked**
MS	AJS

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10-0.20	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
		0.30-0.50	ES		0.25	63.15		
					0.60	62.80		MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
		0.75	D					Firm to stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
		1.20	D SPT	N=13 (2,2/3,3,3,4)				
		2.00	D SPT	N=20 (2,3/4,5,5,6)				*Becoming stiff at 2.00m bgl.*
	▼				2.30	61.10		
					2.40	61.00		Brown slightly gravelly fine to coarse SAND. Gravel is subangular to rounded fine to coarse of mudstone.
		3.00	D SPT	N=30 (3,4/6,7,8,9)				Very stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
		4.00	D SPT	N=25 (3,4/5,6,7,7)				*Becoming stiff at 4.00m bgl.*
		5.00	D SPT	N=29 (3,5/6,7,8,8)				
					5.45	57.95		End of Borehole at 5.45m

1.0 2.0 3.0 4.0 5.0 6.0

Remarks

1. Hand dug service clearance pit excavated to 1.20m bgl.
2. Groundwater encountered at 2.30m bgl.
3. Installation down to 5.00m, 1.00m plain, 4,00m slotted.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Borehole Log

PROJECT NO:	C5150	**CO-ORDS:**	388386E, 395105N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.78m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	10/10/22

Window Sampler No.	Hole Type	Scale	Logged	Checked
WS05	WS	1:30	MS	AJS

Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing: Depth (m)	Type	Results	Depth (m)	Level (m OD)	Legend	Stratum Description
		0.10-0.20	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
		0.30-0.60	ES		0.25	63.53		
					0.60	63.18		MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
		0.70	D					Firm to stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
		1.20	D SPT	N=8 (1,1/1,2,2,3)				
		2.00	D SPT	N=29 (3,4/5,7,8,9)				*Becoming stiff at 2.00m bgl.*
	▼	3.00	D SPT	N=24 (3,3/4,5,7,8)	3.00	60.78		Brown slightly gravelly fine to coarse SAND. Gravel is subangular to rounded fine to coarse of mudstone.
					3.30	60.48		Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
		4.00	D SPT	N=23 (3,4/4,5,7,7)	4.10	59.68		Brown slightly gravelly fine to coarse SAND. Gravel is subangular to rounded fine to coarse of mudstone.
					4.50	59.28		Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
		5.00	D SPT	N=41 (4,7/9,10,11,11)				
					5.45	58.33		End of Borehole at 5.45m

1.0 2.0 3.0 4.0 5.0 6.0

Remarks

1. Hand dug service clearance pit excavated to 1.20m bgl.
2. Groundwater encountered at 3.00m bgl.
3. Hole backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Borehole Log

PROJECT NO:	C5150	**CO-ORDS:**	388480E, 395103N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.19m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	11/10/22

Window Sampler No.	
WS06	
Sheet 1 of 1	
Hole Type	
WS	
Scale	
1:30	
Logged	**Checked**
MS	AJS

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10	ES		0.20	63.99		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
		0.30-0.60	ES					
		0.70	D		0.60	63.59		MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
		1.20	D SPT	N=10 (1,1/2,2,3,3)				Firm to stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
		1.80	D		1.80	62.39		Dense brown slightly gravelly fine to coarse SAND. Gravel is subangular to rounded fine to coarse of mudstone.
		2.00	SPT	N=32 (3,4/7,9,9,7)				
	▼	2.20	D		2.20	61.99		Firm to stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
					2.35	61.84		Brown slightly gravelly fine to coarse SAND. Gravel is subangular to rounded fine to coarse of mudstone.
					2.60	61.59		Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
		3.00	D SPT	N=22 (4,4/5,5,6,6)				
		4.00	D SPT	N=15 (3,3/3,4,4,4)				
		5.00	D SPT	N=24 (3,4/4,5,7,8)				
					5.45	58.74		End of Borehole at 5.45m

1.0 2.0 3.0 4.0 5.0 6.0

Remarks

1. Hand dug service clearance pit excavated to 1.20m bgl.
2. Groundwater encountered at 2.35m bgl.
3. Installation down to 5.00m, 1.00m plain, 4,00m slotted.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Borehole Log

PROJECT NO:	C5150	**CO-ORDS:**	388379E, 395071N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.68m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	10/10/22

Window Sampler No. WS07 (Sheet 1 of 1)

Hole Type WS

Scale 1:30

Logged MS | **Checked** AJS

Well	Water Strikes	Sample and In Situ Testing: Depth (m)	Type	Results	Depth (m)	Level (m OD)	Legend	Stratum Description
		0.10-0.20	ES		0.25	63.43		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
		0.40-0.60	ES		0.60	63.08		MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
		0.75	D					Firm to stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
		1.20	D SPT	N=8 (1,1/1,2,2,3)				
		2.00	SPT	N=23 (3,4/4,5,7,7)				*Becoming stiff at 2.00m bgl.*
		3.00	D SPT	N=48 (5,7/10,13,13,12)				*Becoming stiff at 3.00m bgl.*
		4.00	D SPT	N=28 (4,4/5,7,7,9)				*Becoming stiff at 4.00m bgl.*
					4.45	59.23		End of Borehole at 4.45m

1.0 2.0 3.0 4.0 5.0 6.0

Remarks

1. Hand dug service clearance pit excavated to 1.20m bgl.
2. No groundwater encountered.
3. Installation down to 4.00m, 1.00m plain, 3,00m slotted.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Borehole Log

PROJECT NO:	C5150	**CO-ORDS:**	388317E, 395013N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.95m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	11/10/22

Window Sampler No.	
WS08	
Sheet 1 of 1	
Hole Type	
WS	
Scale	
1:30	
Logged	**Checked**
MS	AJS

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.10-0.20	ES		0.20	62.75		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
		0.30-0.60	ES					MADE GROUND: Very loose black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
		1.20-1.50 1.20	ES SPT	N=1 (1,0/1,0,0,0)				
		2.00	SPT	N=5 (1,0/0,1,2,2)	2.10	60.85		Soft black slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone. Slight organic odour.
		2.10	D		2.40	60.55		Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
		3.00	D SPT	N=28 (3,4/5,7,7,9)				
		4.00	D SPT	N≥50 (7,10/50 for 275mm)				*Becoming very stiff at 4.00m bgl.*
					4.43	58.52		End of Borehole at 4.42m

1.0 2.0 3.0 4.0 5.0 6.0

Remarks

1. Hand dug service clearance pit excavated to 1.20m bgl.
2. No groundwater encountered.
3. Installation down to 2.00m, 1.00m plain, 1,00m slotted.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Borehole Log

PROJECT NO:	C5150	**CO-ORDS:**	388266E, 394987N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.54m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	11/10/22

Window Sampler No. WS09 (Sheet 1 of 1)

Hole Type WS

Scale 1:30

Logged MS | **Checked** AJS

Well	Water Strikes	Sample and In Situ Testing: Depth (m)	Type	Results	Depth (m)	Level (m OD)	Legend	Stratum Description
		0.30-0.60	ES		0.20	62.34		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
		1.00-1.50	ES					MADE GROUND: Very loose black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
		1.20	SPT	N=1 (1,0/1,0,0,0)				
		2.00	SPT	N=1 (1,0/0,0,0,1)				
		2.30	D		2.30	60.24		Soft black slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone. Slight organic odour.
					2.60	59.94		Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
		3.00	D SPT	N=19 (3,3/3,5,5,6)				
		4.00	D SPT	N=40 (4,5/7,10,10,13)				*Becoming very stiff at 4.00m bgl.*
		4.45	SPT	N≥50 (25 for 145mm/50 for 275mm)				
					4.86	57.68		End of Borehole at 4.86m

1.0 2.0 3.0 4.0 5.0 6.0

Remarks

1. Hand dug service clearance pit excavated to 1.20m bgl.
2. No groundwater encountered.
3. Installation down to 2.00m, 1.00m plain, 1,00m slotted.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Borehole Log

PROJECT NO:	C5150	**CO-ORDS:**	388348E, 394948N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.05m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	11/10/22

Window Sampler No. WS10 (Sheet 1 of 1)

Hole Type WS

Scale 1:30

Logged MS | **Checked** AJS

Well	Water Strikes	Sample and In Situ Testing: Depth (m)	Type	Results	Depth (m)	Level (m OD)	Legend	Stratum Description
		0.10-0.20	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
		0.30-0.60	ES		0.25	62.80		MADE GROUND: Black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
		1.00-1.20	ES		0.90	62.15		Soft black slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone. Slight organic odour.
		1.20	SPT	N=4 (1,0/0,1,1,2)				
		1.40-2.00	D		1.40	61.65		Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
		2.00	SPT	N=19 (2,3/4,4,5,6)				
		3.00	SPT	N≥50 (6,8/50 for 290mm)				*Becoming very stiff at 3.00m bgl.*
					3.35	59.70		End of Borehole at 3.35m

1.0 2.0 3.0 4.0 5.0 6.0

Remarks

1. Hand dug service clearance pit excavated to 1.20m bgl.
2. No groundwater encountered.
3. Installation down to 2.00m, 1.00m plain, 1,00m slotted.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Borehole Log

PROJECT NO:	C5150	**CO-ORDS:**	388435E, 394976N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.08m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	11/10/22

Window Sampler No.	
WS11	
Sheet 1 of 1	
Hole Type	
WS	
Scale	
1:30	
Logged	**Checked**
MS	AJS

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.20-0.40	ES		0.25	62.83		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
		0.80-1.00	ES					MADE GROUND: Very loose black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
		1.20	SPT	N=1 (1,0/1,0,0,0)				
		2.00	SPT	N=2 (1,0/0,0,1,1)				
		2.60	ES		2.60	60.48		Stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
		3.00	D SPT	N=22 (2,2/3,5,7,7)				
		4.00	D SPT	N≥50 (5,11/50 for 285mm)				*Becoming very stiff at 4.00m bgl.*
					4.43	58.65		End of Borehole at 4.43m

1.0
2.0
3.0
4.0
5.0
6.0

Remarks

1. Hand dug service clearance pit excavated to 1.20m bgl.
2. No groundwater encountered.
3. Installation down to 2.50m, 1.00m plain, 1,50m slotted.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Borehole Log

PROJECT NO:	C5150	**CO-ORDS:**	388504E, 395009N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.39m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	11/10/22

Window Sampler No.	Hole Type	Scale	Logged	Checked
WS12	WS	1:30	MS	AJS
Sheet 1 of 1				

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
		Depth (m)	Type	Results				
		0.30-0.60	ES		0.25	64.14		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to rounded fine to coarse of mudstone and sandstone.
		1.20	SPT	N=1 (1,0/0,1,0,0)				MADE GROUND: Very loose black sandy gravel. Sand is fine to coarse of mixed lithologies including ash. Gravel is angular to subrounded fine to coarse of brick, clinker, slag, metal, wood, ceramic, glass and mudstone.
		1.80-2.00	ES					
		2.00	SPT	N=5 (1,0/1,1,1,2)				
		2.30	D		2.20	62.19		Stiff to very stiff brown mottled grey slightly sandy slightly gravelly CLAY. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse of mudstone.
		3.00	D SPT	N=30 (5,7/9,9,6,6)				*Becoming very stiff at 3.00m bgl.*
		4.00	D SPT	N≥50 (6,9/50 for 295mm)				
					4.40	59.99		End of Borehole at 4.40m

1.0 2.0 3.0 4.0 5.0 6.0

Remarks

1. Hand dug service clearance pit excavated to 1.20m bgl.
2. No groundwater encountered.
3. Installation down to 2.00m, 1.00m plain, 1,00m slotted.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

		No.	TP100
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388199E, 395106N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.58m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	23/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.20	ES		0.20	62.38		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of brick, clinker, coal and mudstone.
				0.30	62.28		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, clinker and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

		No.	TP101
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388223E, 395111N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.70m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	23/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.20	ES		0.20	62.50		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone.
				0.30	62.40		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP102 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388249E, 395112N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.00m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	23/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.15	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of brick, glass, coal, pottery and mudstone.
	0.25-0.30	ES		0.20	62.80		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, clinker, glass and mudstone.
				0.30	62.70		End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP103 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388274E, 395111N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.00m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	23/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.20	ES		0.20	62.80		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of brick, coal, glass, pottery and mudstone.
				0.30	62.70		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery, glass and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388299E, 395112N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.28m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	23/05/23

No.	Hole Type	Scale	Logged	Checked
TP104	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.20	ES		0.20	63.08		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone.
				0.30	62.98		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery, slag and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP105
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388321E, 395113N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.60m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	23/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.20	ES		0.20	63.40		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of brick, glass, pottery and mudstone.
				0.30	63.30		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP106
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388349E, 395114N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.63m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	23/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.20	ES		0.20	63.43		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of brick, glass, pottery and mudstone.
				0.30	63.33		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388374E, 395113N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.81m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	23/05/23

No.	Hole Type	Scale	Logged	Checked
TP107	TP	1:25	MB	AJS
Sheet 1 of 1				

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.20	ES		0.20	63.61		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of brick, glass, pottery and mudstone.
				0.30	63.51		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP108
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388399E, 395114N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.76m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	23/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.20	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone.
	0.20-0.30	ES		0.20	63.56		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery, clinker and mudstone.
				0.30	63.46		End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388423E, 395112N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.93m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	23/05/23

No.	Hole Type	Scale	Logged	Checked
TP109	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.15	ES		0.20	63.73		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of brick, pottery, coal and mudstone.
				0.30	63.63		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery, glass and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388449E, 395112N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.23m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	23/05/23

No. TP110 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MB **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.20	ES		0.20	64.03		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of brick and mudstone.
				0.30	63.93		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388474E, 395110N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.22m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	23/05/23

No. TP111 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MB **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.20	ES		0.20	64.02		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of brick, clinker, coal and mudstone.
				0.30	63.92		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, clinker and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388490E, 395088N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.35m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	23/05/23

No.	Hole Type	Scale	Logged	Checked
TP112	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.20	ES		0.20	64.15		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of brick, glass, pottery and mudstone.
				0.30	64.05		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP113 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388476E, 395088N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.35m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	23/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.20	ES		0.20	64.15		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of brick, coal, pottery and mudstone.
				0.30	64.05		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery, clinker and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388453E, 395087N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.26m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	23/05/23

No.	Hole Type	Scale	Logged	Checked
TP114	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.20	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
				0.20	64.06		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery, timber and mudstone.
				0.30	63.96		End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP115
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388426E, 395088N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.17m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.15	ES		0.20	63.97		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of brick, glass, pottery and mudstone.
				0.30	63.87		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP116 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388401E, 395089N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.94m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.20	ES		0.20	63.74		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of brick, glass, pottery and mudstone.
				0.30	63.64		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388375E, 395089N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.63m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

No.	
TP117	
Sheet 1 of 1	
Hole Type	
TP	
Scale	
1:25	
Logged	**Checked**
MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.20	ES					
				0.20	63.43		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone.
				0.30	63.33		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

			No. TP118 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388353E, 395090N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.63m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	63.43		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone.
				0.30	63.33		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of glass, pottery, metal and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP119
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388326E, 395088N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.55m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	63.35		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	63.25		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of glass, pottery, brick and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP120
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388303E, 395089N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.55m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	63.35		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	63.25		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of pottery, brick and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP121 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388277E, 395087N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.25m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	63.05		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.95		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of pottery, brick, glass and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP122
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388252E, 395089N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.02m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.05	ES		0.10	62.92		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.72		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of timber, brick, glass, slag and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388227E, 395089N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.73m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

No.	Hole Type	Scale	Logged	Checked
TP123	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.20	62.53		
				0.30	62.43		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, clinker and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP124 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388200E, 395089N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.40m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.20		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of brick, clinker and mudstone.
				0.30	62.10		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, clinker and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP125
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388199E, 395064N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.50m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.15	62.35		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.20		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of pottery, glass, timber, clinker and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388225E, 395065N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.81m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

No. TP126 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MB **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.61		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.51		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388250E, 395063N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.01m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

No.	Hole Type	Scale	Logged	Checked
TP127	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.05	ES		0.10	62.91		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.71		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP128
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388275E, 395063N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.25m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	63.05		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.95		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP129 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388301E, 395061N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.24m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					
				0.20	63.04		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal and clinker.
				0.30	62.94		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388323E, 395063N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.47m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

No.	Hole Type	Scale	Logged	Checked
TP130	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.20	63.27		
				0.30	63.17		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388349E, 395063N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.58m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

No.	Hole Type	Scale	Logged	Checked
TP131	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.20	63.38		
				0.30	63.28		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP132 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388373E, 395065N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.74m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.15	63.59		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
	0.20-0.30	ES		0.30	63.44		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388399E, 395062N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.07m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

No. TP133 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MB **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	63.87		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	63.77		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP134
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388423E, 395061N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.38m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	64.18		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	64.08		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388449E, 395062N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.44m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

No.	Hole Type	Scale	Logged	Checked
TP135	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.20	64.24		
				0.30	64.14		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP136
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388474E, 395064N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.56m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	64.36		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	64.26		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388497E, 395065N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.48m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

No.	Hole Type	Scale	Logged	Checked
TP137	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.20	64.28		
				0.30	64.18		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP138
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388499E, 395040N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.54m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					
				0.20	64.34		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	64.24		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP139
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388476E, 395040N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.52m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					
				0.20	64.32		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	64.22		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery, glass and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388452E, 395041N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.54m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

No. TP140 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MB **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	64.34		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	64.24		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery, glass, clinker and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388425E, 395039N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.23m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

No. TP141 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MB **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	64.03		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	63.93		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of glass, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP142
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388400E, 395040N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.88m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	63.68		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	63.58		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery and slate and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388372E, 395040N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.56m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

No.	Hole Type	Scale	Logged	Checked
TP143	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.20	63.36		
				0.30	63.26		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388351E, 395041N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.54m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

No.	Hole Type	Scale	Logged	Checked
TP144	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.20	63.34		
				0.30	63.24		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388325E, 395041N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.23m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

No. TP145 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MB **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	63.03		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.93		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of glass and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP146
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388302E, 395041N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.19m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.99		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.89		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388275E, 395040N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.92m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

No. TP147 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MB **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.72		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.62		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388249E, 395040N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.73m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

No. TP148 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MB **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.53		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.43		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388226E, 395039N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.50m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

No.	Hole Type	Scale	Logged	Checked
TP149	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.20	62.30		
				0.30	62.20		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388201E, 395040N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.28m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

No. TP150 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MB **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.08		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	61.98		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388176E, 395040N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.09m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	24/05/23

No.	Hole Type	Scale	Logged	Checked
TP151	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.20	61.89		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass, timber and mudstone.
				0.30	61.79		End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP152 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388153E, 395039N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	61.75m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
	0.15-0.20	ES		0.15	61.60		
				0.30	61.45		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of glass and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388147E, 395013N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	61.64m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

No.	Hole Type	Scale	Logged	Checked
TP153	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.15	61.48		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	61.34		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388174E, 395014N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	61.93m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

No. TP154 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MB **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	61.73		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	61.63		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of glass, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP155
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388196E, 395014N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.17m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	61.97		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	61.87		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of glass, pottery, brick and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

		No.	TP156
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388224E, 395013N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.35m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.15		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.05		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of glass and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388248E, 395012N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.47m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

No.	Hole Type	Scale	Logged	Checked
TP157	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.20	62.27		
				0.30	62.17		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of glass, brick and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP158
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388276E, 395014N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.76m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.56		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.46		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of pottery, brick and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388300E, 395014N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.22m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

No.	Hole Type	Scale	Logged	Checked
TP159	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.20	63.02		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of pottery, glass and mudstone.
				0.30	62.92		End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP160
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388324E, 395014N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.06m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.86		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.76		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of pottery, glass, brick, clinker and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP161
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388349E, 395013N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.10m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.90		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.80		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of pottery, glass, brick and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP162
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388373E, 395012N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.24m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	63.04		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.94		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of pottery, glass, brick and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388398E, 395012N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.62m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

No.	Hole Type	Scale	Logged	Checked
TP163	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.20	63.42		
				0.30	63.32		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of pottery, brick and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP164
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388424E, 395012N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.93m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	63.73		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	63.63		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of pottery, glass and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP165
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388448E, 395013N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.26m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	64.06		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	63.96		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass, clinker and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP166
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388473E, 395013N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.49m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	64.29		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	64.19		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of glass, clinker and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388501E, 395013N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.42m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

No.	Hole Type	Scale	Logged	Checked
TP167	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.20	64.22		
				0.30	64.12		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of glass, clinker and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP168
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388518E, 395013N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.26m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	64.06		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	63.96		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, clinker and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388524E, 394990N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.32m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

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Hole Type: TP

Scale: 1:25

Logged: MB **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	64.12		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	64.02		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388501E, 394986N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.37m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

No.	Hole Type	Scale	Logged	Checked
TP170	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.20	64.17		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass, pottery and mudstone.
				0.30	64.07		End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP171 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388475E, 394988N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.35m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
	0.20-0.30	ES		0.20	64.15		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, clinker and mudstone.
				0.30	64.05		End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

		No.	TP172
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388451E, 394988N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.12m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	63.92		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	63.82		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP173
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388427E, 394988N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.80m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	63.60		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	63.50		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of glass, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP174
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388400E, 394989N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.57m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	63.37		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	63.27		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of glass, pottery, brick and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

			No. TP175 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388376E, 394988N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.21m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP176 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388352E, 394990N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.00m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.80		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.70		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP177
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388327E, 394988N	**Hole Type**	TP
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.99m OD	**Scale**	1:25
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23	**Logged** MB	**Checked** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
	0.20-0.30	ES		0.20	62.79		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass and mudstone.
				0.30	62.69		End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388301E, 394989N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.03m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

No.	Hole Type	Scale	Logged	Checked
TP178	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.20	62.83		
				0.30	62.73		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388277E, 394989N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.72m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	25/05/23

No. TP179 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MB **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.52		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.42		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388250E, 394992N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.45m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

No.	Hole Type	Scale	Logged	Checked
TP180	TP	1:25	MB	AJS
Sheet 1 of 1				

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
	0.20-0.30	ES		0.20	62.25		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery, glass and mudstone.
				0.30	62.15		End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP181 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388227E, 394989N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.24m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.04		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	61.94		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP182
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388200E, 394989N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.06m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	61.86		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal, glass and pottery.
				0.30	61.76		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of pottery, glass and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388175E, 394990N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	61.92m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

No.	Hole Type	Scale	Logged	Checked
TP183	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal, glass and pottery.
				0.20	61.72		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of pottery, glass and mudstone.
				0.30	61.62		End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP184 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388154E, 394991N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	61.36m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	61.16		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal, glass, slate and brick.
				0.30	61.06		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of slate, metal wiring and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP185 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388149E, 394965N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	61.22m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
	0.20-0.30	ES		0.20	61.02		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of pottery, glass, brick, slate and mudstone.
				0.30	60.92		End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388175E, 394964N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	61.74m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

No. TP186 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MB **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	61.54		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	61.44		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of pottery, glass, brick, slate and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388201E, 394965N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.05m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

No.	Hole Type	Scale	Logged	Checked
TP187	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, brick, glass and coal.
				0.20	61.85		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of pottery, glass, brick, slate, clinker and mudstone.
				0.30	61.75		End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388226E, 394965N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.32m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

No. TP188 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MB **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.12		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, brick and coal.
				0.30	62.02		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, clinker and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP189
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388249E, 394965N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.42m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.22		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.12		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass, slate and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP190
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388274E, 394965N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.74m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.54		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.44		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass, slate, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388296E, 394966N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.26m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

No. TP191 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MB **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	63.06		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.96		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, clinker, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388324E, 394965N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.11m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

No. TP192 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MB **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.91		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.81		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, clinker, pottery, glass and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP193
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388348E, 394964N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.18m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.98		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.88		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, metal, glass and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388373E, 394965N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.31m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

No. TP194 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MB **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	63.11		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	63.01		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery, slate, glass and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388399E, 394964N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.51m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

No.	Hole Type	Scale	Logged	Checked
TP195	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal, pottery, brick and glass.
				0.20	63.31		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery, glass and mudstone.
				0.30	63.21		End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

		No.	TP196
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388425E, 394965N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.70m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	63.50		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal, pottery, brick and glass.
				0.30	63.40		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, clinker, glass and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

		No.	TP197
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388448E, 394963N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.86m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	63.66		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	63.56		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery, glass and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP198
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388474E, 394962N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.06m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	63.86		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal and clinker.
				0.30	63.76		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

		No.	TP202
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388401E, 394939N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.43m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
	0.20-0.30	ES		0.20	63.23		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery, glass, clinker and mudstone.
				0.30	63.13		End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP203 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388377E, 394940N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.22m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					
				0.20	63.02		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal, pottery, glass and brick.
				0.30	62.92		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of pottery, glass, clinker and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP204
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388351E, 394939N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.17m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.97		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal and glass.
				0.30	62.87		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of pottery, brick and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP205
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388326E, 394939N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.99m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.79		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.69		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of pottery, brick and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388301E, 394941N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.04m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

No. TP206 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MB **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.84		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.74		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP207
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388276E, 394939N	**Hole Type**	
				TP	
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.80m OD	**Scale**	
				1:25	
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23	**Logged**	**Checked**
				MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388251E, 394940N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.46m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

No. TP208 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MB **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.15	62.31		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.16		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick,glass, metal, slate and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388224E, 394940N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.25m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

No. TP209 — Sheet 1 of 1

Hole Type: TP

Scale: 1:25

Logged: MB **Checked:** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.15	62.10		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal, glass, brick, slate and pottery.
				0.30	61.95		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery, clinker, slate and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

		No.	TP210
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388203E, 394939N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.16m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.15	62.01		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal, glass and brick.
				0.30	61.86		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery, glass, slate and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388180E, 394940N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	61.78m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

No.	Hole Type	Scale	Logged	Checked
TP211	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.20	61.58		
				0.30	61.48		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of pottery, glass, coal and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

		No.	TP212
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388153E, 394937N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	61.15m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	30/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	60.95		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal, pottery and brick.
				0.30	60.85		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of pottery, glass, coal and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388173E, 394914N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	61.78m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	31/05/23

No.	Hole Type	Scale	Logged	Checked
TP214	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					
				0.20	61.58		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal, pottery, glass and brick.
				0.30	61.48		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, clinker, glass, coal and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP215 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388198E, 394913N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.21m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	31/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.01		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal, glass and brick.
				0.30	61.91		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery, glass, coal and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

		No.	TP216
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388223E, 394914N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.40m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	31/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.20		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal and brick.
				0.30	62.10		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass, coal and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388249E, 394915N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.60m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	31/05/23

No.	Hole Type	Scale	Logged	Checked
TP217	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					
				0.20	62.40		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal and brick.
				0.30	62.30		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass, pottery, slate, coal and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP218
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388273E, 394915N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.86m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	31/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.15	62.71		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone and coal.
				0.30	62.56		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass, pottery, coal and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

		No.	TP219
			Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388298E, 394914N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.89m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	31/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.69		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal, brick and clinker.
				0.30	62.59		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass, pottery, clinker and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP220 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:**	388323E, 394913N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.94m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	31/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.74		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal and pottery.
				0.30	62.64		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass, pottery, clinker and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388251E, 394890N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.53m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	31/05/23

No.	Hole Type	Scale	Logged	Checked
TP224	TP	1:25	MB	AJS
Sheet 1 of 1				

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal, brick and glass.
	0.20-0.30	ES		0.20	62.33		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass, pottery, slate and mudstone.
				0.30	62.23		End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP225
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388226E, 394889N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.35m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	31/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	62.15		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal and brick.
				0.30	62.05		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass, clinker and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP226
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388201E, 394890N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.08m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	31/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	61.88		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal and brick.
				0.30	61.78		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery, clinker and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388177E, 394889N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	61.89m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	31/05/23

No.	Hole Type	Scale	Logged	Checked
TP227	TP	1:25	MB	AJS
Sheet 1 of 1				

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.20	61.69		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal, glass and brick.
				0.30	61.59		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery, clinker, glass and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388128E, 395038N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	61.39m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	31/05/23

No.	Hole Type	Scale	Logged	Checked
TP231	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal and brick.
				0.20	61.19		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, coal, clinker, glass and mudstone.
				0.30	61.09		End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

BROWNFIELD SOLUTIONS LTD			No. TP232 Sheet 1 of 1
PROJECT NO:	C5150	**CO-ORDS:** 388129E, 395066N	**Hole Type** TP
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:** 61.42m OD	**Scale** 1:25
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:** 31/05/23	**Logged** MB / **Checked** AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal, glass and pottery.
				0.20	61.22		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, coal, pottery, glass and mudstone.
				0.30	61.12		End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP233
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388127E, 395088N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	61.63m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	31/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					
				0.20	61.43		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal, brick and pottery.
				0.30	61.33		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, coal, pottery, glass and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388124E, 395115N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	62.11m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	31/05/23

No.	Hole Type	Scale	Logged	Checked
TP234	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone, coal and brick.
				0.20	61.91		MADE GROUND: Dark brown gravelly sand with occasional cobbles. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of coal, pottery, glass and mudstone. Cobbles are subangular to subrounded of brick.
				0.30	61.81		End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388299E, 395128N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.15m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	23/05/23

No.	Hole Type	Scale	Logged	Checked
TP235 Sheet 1 of 1	TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.15	ES					
				0.20	62.95		TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of mudstone.
				0.30	62.85		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP237
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388349E, 395132N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.63m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	23/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.20	ES		0.20	63.43		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of brick, glass, pottery and mudstone.
				0.30	63.33		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388375E, 395136N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.90m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	23/05/23

No.	Hole Type	Scale	Logged	Checked
TP238 Sheet 1 of 1	TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.20	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
				0.20	63.70		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
				0.30	63.60		End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP239
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388399E, 395137N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.73m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	23/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.10	ES		0.15	63.58		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
				0.30	63.43		MADE GROUND: Reddish brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of mudstone and sandstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP240
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388426E, 395136N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	63.92m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	23/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.20	ES		0.20	63.72		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
				0.30	63.62		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

Trial Pit Log

PROJECT NO:	C5150	**CO-ORDS:**	388450E, 395130N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.16m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	23/05/23

No.	Hole Type	Scale	Logged	Checked
TP241	TP	1:25	MB	AJS

Sheet 1 of 1

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.20	ES					MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
				0.20	63.96		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, pottery and mudstone.
				0.30	63.86		End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks

1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

BROWNFIELD SOLUTIONS LTD

Trial Pit Log

No.
TP242
Sheet 1 of 1

PROJECT NO:	C5150	**CO-ORDS:**	388474E, 395138N
PROJECT NAME:	MOUNT ROAD, GORTON	**LEVEL:**	64.12m OD
CLIENT:	KELLEN HOMES & GREATER MANCHESTER YOUTH FEDERATION	**DATES:**	23/05/23

Hole Type	Scale	Logged	Checked
TP	1:25	MB	AJS

Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m OD)	Legend	Stratum Description
	Depth (m)	Type	Results				
	0.00-0.20	ES		0.20	63.92		MADE GROUND TOPSOIL: Grass over dark brown slightly gravelly clayey fine to coarse sand with many rootlets. Gravel is subangular to subrounded fine to coarse of brick, glass, pottery and mudstone.
				0.30	63.82		MADE GROUND: Dark brown gravelly sand. Sand is fine to coarse of mixed lithologies including ash. Gravel is subangular to subrounded fine to coarse of brick, glass, pottery and mudstone.
							End of Trial Pit at 0.30m

1.0
2.0
3.0
4.0
5.0

Remarks 1. Clearance of services by BSL engineer using CAT and Genny. 2. No groundwater encountered. 3. Trial pit completed at 0.30m bgl. 4. Backfilled with arisings upon completion.

ES = Environmental Sample
D = Disturbed Sample
B = Bulk Sample
LB = Large Bulk Sample
U = Undisturbed Sample
UT = Undisturbed Thin Wall Sample
SPT = Standard Penetration Test
PID = Photoionization Detector (ppm)
PPM = Part Per Million
HSV = Hand Shear Vane

APPENDIX C

Chemical Testing Results

Matthew Shore
Brownfield Solutions Ltd
William Smith House
173 - 183 Witton Street
Northwich
Cheshire
CW9 5LP

e: m.shore@brownfield-solutions.co.uk

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

Analytical Report Number : 22-91242

Replaces Analytical Report Number: 22-91242, issue no. 1
Client sampling date amended.

Project / Site name:	Mount Rd Gorton	**Samples received on:**	18/10/2022
Your job number:	C5150	**Samples instructed on/ Analysis started on:**	20/10/2022
Your order number:	C5150 3636 MS	**Analysis completed by:**	31/10/2022
Report Issue Number:	2	**Report issued on:**	31/10/2022
Samples Analysed:	35 soil samples		

Signed:

Anna Goc
Junior Reporting Specialist
For & on behalf of i2 Analytical Ltd.

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

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

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

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

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

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The results included within the report relate only to the sample(s) submitted for testing

Analytical Report Number: 22-91242
Project / Site name: Mount Rd Gorton
Your Order No: C5150 3636 MS

Lab Sample Number				2467915	2467916	2467917	2467918	2467919
Sample Reference				WS01	WS02	WS03	WS04	WS05
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10	0.25-0.35	0.10-0.20	0.30-0.50	0.30-0.60
Date Sampled				10/10/2022	10/10/2022	10/10/2022	10/10/2022	10/10/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	34	19	30	20	18
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	SFS	SFS	N/A	SFS	SFS

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.1	7.4	5.9	7.9	7.4
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	30	60	53	460	1200
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.015	0.03	0.027	0.23	0.59
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	14.8	30	26.6	232	589
Organic Matter	%	0.1	MCERTS	21	-	14	-	-
Organic Matter (automated)	%	0.1	MCERTS	-	2.4	-	5.1	6.5

Speciated PAHs

Naphthalene	mg/kg	0.05	NONE	< 0.05	0.21	0.27	3.3	0.54
Acenaphthylene	mg/kg	0.05	NONE	1.2	0.09	0.13	0.3	< 0.05
Acenaphthene	mg/kg	0.05	NONE	7	1.4	1	7.6	0.82
Fluorene	mg/kg	0.05	NONE	3.8	1	0.63	5.4	0.47
Phenanthrene	mg/kg	0.05	NONE	58	11	7.1	37	6
Anthracene	mg/kg	0.05	NONE	17	2.6	1.7	11	1.2
Fluoranthene	mg/kg	0.05	NONE	120	17	13	45	8.1
Pyrene	mg/kg	0.05	NONE	110	16	12	37	7.6
Benzo(a)anthracene	mg/kg	0.05	NONE	60	8.3	7	19	4
Chrysene	mg/kg	0.05	NONE	56	7.2	6.3	16	3.6
Benzo(b)fluoranthene	mg/kg	0.05	NONE	65	9.4	8.9	19	3.8
Benzo(k)fluoranthene	mg/kg	0.05	NONE	24	3.8	3	6.1	1.8
Benzo(a)pyrene	mg/kg	0.05	NONE	56	8.1	7.1	14	3.5
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	NONE	25	3.9	3.6	7.1	1.8
Dibenz(a,h)anthracene	mg/kg	0.05	NONE	7.7	1.1	0.92	2.2	0.54
Benzo(ghi)perylene	mg/kg	0.05	NONE	27	4.5	4	8.3	1.9

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	NONE	646	95.5	77.3	239	45.6

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	35	14	53	120	190
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	3.8	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	190	28	30	67	52
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	190	28	31	67	52
Copper (aqua regia extractable)	mg/kg	1	MCERTS	140	36	170	1000	1100
Lead (aqua regia extractable)	mg/kg	1	MCERTS	520	72	390	3500	350
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.4	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	29	25	29	120	130
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	460	76	190	2300	380

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The results included within the report relate only to the sample(s) submitted for testing

Analytical Report Number: 22-91242
Project / Site name: Mount Rd Gorton
Your Order No: C5150 3636 MS

Lab Sample Number				2467915	2467916	2467917	2467918	2467919
Sample Reference				WS01	WS02	WS03	WS04	WS05
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10	0.25-0.35	0.10-0.20	0.30-0.50	0.30-0.60
Date Sampled				10/10/2022	10/10/2022	10/10/2022	10/10/2022	10/10/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	-	-	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.001	NONE	-	-	-	-	-
Toluene	mg/kg	0.001	NONE	-	-	-	-	-
Ethylbenzene	mg/kg	0.001	NONE	-	-	-	-	-
p & m-xylene	mg/kg	0.001	NONE	-	-	-	-	-
o-xylene	mg/kg	0.001	NONE	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	NONE	-	-	-	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	-	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 22-91242
Project / Site name: Mount Rd Gorton
Your Order No: C5150 3636 MS

Lab Sample Number				2467920	2467921	2467922	2467923	2467924
Sample Reference				WS06	WS07	WS08	WS09	WS11
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30-0.60	0.40-0.60	0.30-0.60	0.30-0.60	0.20-0.40
Date Sampled				11/10/2022	10/10/2022	11/10/2022	11/10/2022	11/10/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	22	20	14	16	13
Total mass of sample received	kg	0.001	NONE	0.3	0.4	0.4	0.3	0.3

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	-	Not-detected	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	SFS	SFS	N/A	SFS	SFS

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.9	7.2	6.6	6.9	6.8
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	980	260	2100	660	1200
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.49	0.13	1.1	0.33	0.62
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	491	132	1070	331	620
Organic Matter	%	0.1	MCERTS	-	-	-	-	-
Organic Matter (automated)	%	0.1	MCERTS	7.8	8.3	5.4	8.5	6.4

Speciated PAHs

Naphthalene	mg/kg	0.05	NONE	0.78	2.9	< 0.05	2.6	4.3
Acenaphthylene	mg/kg	0.05	NONE	< 0.05	0.28	< 0.05	0.68	0.38
Acenaphthene	mg/kg	0.05	NONE	4.4	7.8	3.4	15	13
Fluorene	mg/kg	0.05	NONE	2.4	4.4	1.7	9.7	7.8
Phenanthrene	mg/kg	0.05	NONE	30	36	27	91	83
Anthracene	mg/kg	0.05	NONE	6.8	10	5.7	28	22
Fluoranthene	mg/kg	0.05	NONE	43	49	48	120	100
Pyrene	mg/kg	0.05	NONE	39	41	44	120	89
Benzo(a)anthracene	mg/kg	0.05	NONE	19	25	22	69	42
Chrysene	mg/kg	0.05	NONE	18	20	24	77	44
Benzo(b)fluoranthene	mg/kg	0.05	NONE	22	24	24	77	45
Benzo(k)fluoranthene	mg/kg	0.05	NONE	9.5	10	12	29	16
Benzo(a)pyrene	mg/kg	0.05	NONE	20	18	21	66	37
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	NONE	10	10	9.6	33	18
Dibenz(a,h)anthracene	mg/kg	0.05	NONE	2.8	3.1	2.7	10	5.6
Benzo(ghi)perylene	mg/kg	0.05	NONE	11	11	12	37	22

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	NONE	240	274	255	786	550

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	180	130	160	140	140
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	53	51	42	44	50
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	53	51	42	44	50
Copper (aqua regia extractable)	mg/kg	1	MCERTS	740	2000	1300	930	650
Lead (aqua regia extractable)	mg/kg	1	MCERTS	580	1700	640	1400	980
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	120	84	140	100	110
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	620	1600	400	790	390

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The results included within the report relate only to the sample(s) submitted for testing

Analytical Report Number: 22-91242
Project / Site name: Mount Rd Gorton
Your Order No: C5150 3636 MS

Lab Sample Number				2467920	2467921	2467922	2467923	2467924
Sample Reference				WS06	WS07	WS08	WS09	WS11
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30-0.60	0.40-0.60	0.30-0.60	0.30-0.60	0.20-0.40
Date Sampled				11/10/2022	10/10/2022	11/10/2022	11/10/2022	11/10/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	< 0.007	-	-	< 0.007	< 0.007
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.001	NONE	< 0.001	-	-	< 0.001	< 0.001
Toluene	mg/kg	0.001	NONE	< 0.001	-	-	< 0.001	< 0.001
Ethylbenzene	mg/kg	0.001	NONE	< 0.001	-	-	< 0.001	< 0.001
p & m-xylene	mg/kg	0.001	NONE	< 0.001	-	-	< 0.001	< 0.001
o-xylene	mg/kg	0.001	NONE	< 0.001	-	-	< 0.001	< 0.001
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	NONE	< 0.001	-	-	< 0.001	< 0.001
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	< 0.001	-	-	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	< 0.001	-	-	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	< 0.001	-	-	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	< 1.0	-	-	9.9	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	< 2.0	-	-	19	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	< 8.0	-	-	30	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	< 8.0	-	-	100	< 8.0
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	< 10	-	-	130	< 10
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	< 10	-	-	16	< 10
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	< 10	-	-	160	< 10
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	< 0.001	-	-	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	< 0.001	-	-	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	< 0.001	-	-	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	< 1.0	-	-	14	7.4
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	23	-	-	91	61
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	140	-	-	570	360
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	170	-	-	940	480
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	19	-	-	94	44
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	340	-	-	1600	900
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	360	-	-	1900	950
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	< 1.0	-	-	< 1.0	< 1.0
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	23	-	-	130	69
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	340	-	-	1800	880

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 22-91242
Project / Site name: Mount Rd Gorton
Your Order No: C5150 3636 MS

Lab Sample Number				2467925	2467926	2467927	2467928	2467929
Sample Reference				WS12	TP03	TP05	TP06	TP07
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30-0.60	0.05-0.10	0.10-0.20	0.10-0.20	0.30-0.60
Date Sampled				11/10/2022	12/10/2022	12/10/2022	12/10/2022	12/10/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	19	3	21	22	29
Total mass of sample received	kg	0.001	NONE	0.3	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	SFS	N/A	N/A	N/A	N/A
General Inorganics								
pH - Automated	pH Units	N/A	MCERTS	6.8	8.5	6.3	6.6	7.2
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	660	12	27	-	120
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.33	0.006	0.014	-	0.06
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	331	6	13.7	-	60.2
Organic Matter	%	0.1	MCERTS	-	-	-	-	-
Organic Matter (automated)	%	0.1	MCERTS	9.3	0.6	8.9	-	9
Speciated PAHs								
Naphthalene	mg/kg	0.05	NONE	3	< 0.05	2.2	-	1.4
Acenaphthylene	mg/kg	0.05	NONE	< 0.05	< 0.05	0.55	-	0.39
Acenaphthene	mg/kg	0.05	NONE	33	< 0.05	25	-	6
Fluorene	mg/kg	0.05	NONE	22	< 0.05	15	-	3.9
Phenanthrene	mg/kg	0.05	NONE	270	0.79	140	-	37
Anthracene	mg/kg	0.05	NONE	72	0.21	37	-	11
Fluoranthene	mg/kg	0.05	NONE	290	1.5	180	-	55
Pyrene	mg/kg	0.05	NONE	270	1.5	160	-	48
Benzo(a)anthracene	mg/kg	0.05	NONE	130	0.79	84	-	25
Chrysene	mg/kg	0.05	NONE	140	0.93	75	-	22
Benzo(b)fluoranthene	mg/kg	0.05	NONE	160	0.91	78	-	26
Benzo(k)fluoranthene	mg/kg	0.05	NONE	31	0.31	35	-	9.6
Benzo(a)pyrene	mg/kg	0.05	NONE	130	0.91	71	-	20
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	NONE	56	0.41	35	-	11
Dibenz(a,h)anthracene	mg/kg	0.05	NONE	16	0.17	10	-	3.1
Benzo(ghi)perylene	mg/kg	0.05	NONE	61	0.48	41	-	12
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	0.8	NONE	1680	8.89	983	-	291
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	160	7.5	24	39	140
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	0.4	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	41	7	24	30	42
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	41	7.1	24	30	42
Copper (aqua regia extractable)	mg/kg	1	MCERTS	1000	20	120	130	540
Lead (aqua regia extractable)	mg/kg	1	MCERTS	700	36	220	370	990
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	120	8	24	27	110
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	430	32	190	160	1200

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Analytical Report Number: 22-91242
Project / Site name: Mount Rd Gorton
Your Order No: C5150 3636 MS

Lab Sample Number				2467925	2467926	2467927	2467928	2467929
Sample Reference				WS12	TP03	TP05	TP06	TP07
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30-0.60	0.05-0.10	0.10-0.20	0.10-0.20	0.30-0.60
Date Sampled				11/10/2022	12/10/2022	12/10/2022	12/10/2022	12/10/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	-	-	-

Monoaromatics & Oxygenates

Benzene	mg/kg	0.001	NONE	-	-	-	-	-
Toluene	mg/kg	0.001	NONE	-	-	-	-	-
Ethylbenzene	mg/kg	0.001	NONE	-	-	-	-	-
p & m-xylene	mg/kg	0.001	NONE	-	-	-	-	-
o-xylene	mg/kg	0.001	NONE	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	NONE	-	-	-	-	-

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-

TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-

TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	-	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 22-91242
Project / Site name: Mount Rd Gorton
Your Order No: C5150 3636 MS

Lab Sample Number				2467930	2467931	2467932	2467933	2467934
Sample Reference				TP08	TP10	TP11	TP12	TP13
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30-0.40	0.30-0.60	0.10-0.20	0.30-0.45	0.30-0.60
Date Sampled				12/10/2022	12/10/2022	12/10/2022	12/10/2022	13/10/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	25	29	12	35	38
Total mass of sample received	kg	0.001	NONE	0.3	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
General Inorganics								
pH - Automated	pH Units	N/A	MCERTS	7.3	7	6.9	7.6	7.5
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	86	3600	-	58	700
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.043	1.8	-	0.029	0.35
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	43	1780	-	29.2	352
Organic Matter	%	0.1	MCERTS	-	-	-	-	-
Organic Matter (automated)	%	0.1	MCERTS	9.2	7.8	-	10	9.4
Speciated PAHs								
Naphthalene	mg/kg	0.05	NONE	0.79	2	-	0.87	4.5
Acenaphthylene	mg/kg	0.05	NONE	0.14	< 0.05	-	0.18	0.88
Acenaphthene	mg/kg	0.05	NONE	2.8	6.4	-	4	18
Fluorene	mg/kg	0.05	NONE	1.7	3.4	-	2.5	14
Phenanthrene	mg/kg	0.05	NONE	20	36	-	23	110
Anthracene	mg/kg	0.05	NONE	5.1	7.9	-	6.6	32
Fluoranthene	mg/kg	0.05	NONE	27	57	-	36	140
Pyrene	mg/kg	0.05	NONE	25	48	-	33	130
Benzo(a)anthracene	mg/kg	0.05	NONE	13	25	-	17	52
Chrysene	mg/kg	0.05	NONE	13	27	-	18	50
Benzo(b)fluoranthene	mg/kg	0.05	NONE	13	28	-	17	48
Benzo(k)fluoranthene	mg/kg	0.05	NONE	5.9	13	-	9.3	21
Benzo(a)pyrene	mg/kg	0.05	NONE	13	23	-	16	48
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	NONE	5.9	11	-	7.6	22
Dibenz(a,h)anthracene	mg/kg	0.05	NONE	1.8	3.1	-	2.3	6.4
Benzo(ghi)perylene	mg/kg	0.05	NONE	7.1	14	-	8.1	24
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	0.8	NONE	156	304	-	201	725
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	210	170	67	130	140
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	49	81	49	46	45
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	49	81	49	47	45
Copper (aqua regia extractable)	mg/kg	1	MCERTS	1400	650	950	570	1800
Lead (aqua regia extractable)	mg/kg	1	MCERTS	1700	1700	1300	980	1100
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	4.8	< 0.3	2.1	6.8	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	99	130	58	87	110
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	940	1300	660	770	940

Analytical Report Number: 22-91242
Project / Site name: Mount Rd Gorton
Your Order No: C5150 3636 MS

Lab Sample Number				2467930	2467931	2467932	2467933	2467934
Sample Reference				TP08	TP10	TP11	TP12	TP13
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30-0.40	0.30-0.60	0.10-0.20	0.30-0.45	0.30-0.60
Date Sampled				12/10/2022	12/10/2022	12/10/2022	12/10/2022	13/10/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	< 0.007	-	-	-	-

Monoaromatics & Oxygenates

Benzene	mg/kg	0.001	NONE	< 0.001	-	-	-	-
Toluene	mg/kg	0.001	NONE	< 0.001	-	-	-	-
Ethylbenzene	mg/kg	0.001	NONE	< 0.001	-	-	-	-
p & m-xylene	mg/kg	0.001	NONE	< 0.001	-	-	-	-
o-xylene	mg/kg	0.001	NONE	< 0.001	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	NONE	< 0.001	-	-	-	-

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	< 0.001	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	< 0.001	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	< 0.001	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	< 1.0	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	< 2.0	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	< 8.0	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	< 8.0	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	< 10	-	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	< 10	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	< 10	-	-	-	-

TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	< 0.001	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	< 0.001	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	< 0.001	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	< 1.0	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	30	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	140	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	190	-	-	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	31	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	370	-	-	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	400	-	-	-	-

TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	< 1.0	-	-	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	30	-	-	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	370	-	-	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample

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The results included within the report relate only to the sample(s) submitted for testing

Analytical Report Number: 22-91242
Project / Site name: Mount Rd Gorton
Your Order No: C5150 3636 MS

Lab Sample Number				2467935	2467936	2467937	2467938	2467939
Sample Reference				TP14	TP15	TP17	TP20	TP21
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30-0.60	0.10-0.20	0.30-0.60	0.30-0.60	0.30-0.60
Date Sampled				13/10/2022	13/10/2022	13/10/2022	13/10/2022	13/10/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	29	28	26	31	32
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.3	0.4	0.3
Asbestos in Soil	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.2	6.7	6.3	6.6	6.4
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	-	29	1300	-	130
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	-	0.015	0.65	-	0.066
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	-	14.5	648	-	65.6
Organic Matter	%	0.1	MCERTS	-	-	-	-	-
Organic Matter (automated)	%	0.1	MCERTS	-	7.4	7.3	-	12

Speciated PAHs

Naphthalene	mg/kg	0.05	NONE	-	0.36	1.8	-	< 0.05
Acenaphthylene	mg/kg	0.05	NONE	-	0.12	< 0.05	-	0.58
Acenaphthene	mg/kg	0.05	NONE	-	1.2	4.2	-	6.1
Fluorene	mg/kg	0.05	NONE	-	0.7	2.1	-	3.9
Phenanthrene	mg/kg	0.05	NONE	-	8	22	-	50
Anthracene	mg/kg	0.05	NONE	-	1.9	4.6	-	19
Fluoranthene	mg/kg	0.05	NONE	-	12	29	-	98
Pyrene	mg/kg	0.05	NONE	-	11	26	-	86
Benzo(a)anthracene	mg/kg	0.05	NONE	-	6	14	-	37
Chrysene	mg/kg	0.05	NONE	-	5.7	13	-	35
Benzo(b)fluoranthene	mg/kg	0.05	NONE	-	6.3	16	-	35
Benzo(k)fluoranthene	mg/kg	0.05	NONE	-	3.1	4.1	-	15
Benzo(a)pyrene	mg/kg	0.05	NONE	-	6	14	-	33
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	NONE	-	3	6.3	-	16
Dibenz(a,h)anthracene	mg/kg	0.05	NONE	-	0.92	1.8	-	4.7
Benzo(ghi)perylene	mg/kg	0.05	NONE	-	3.6	7.6	-	17

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	NONE	-	69.6	167	-	456

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	190	27	240	180	190
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	1.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	49	120	58	42	43
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	49	120	58	42	43
Copper (aqua regia extractable)	mg/kg	1	MCERTS	480	80	1100	920	680
Lead (aqua regia extractable)	mg/kg	1	MCERTS	580	260	1600	610	640
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	0.6	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	110	18	140	93	93
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	630	130	1300	840	770

Analytical Report Number: 22-91242
Project / Site name: Mount Rd Gorton
Your Order No: C5150 3636 MS

Lab Sample Number				2467935	2467936	2467937	2467938	2467939
Sample Reference				TP14	TP15	TP17	TP20	TP21
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30-0.60	0.10-0.20	0.30-0.60	0.30-0.60	0.30-0.60
Date Sampled				13/10/2022	13/10/2022	13/10/2022	13/10/2022	13/10/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	< 0.007	-	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.001	NONE	-	-	< 0.001	-	-
Toluene	mg/kg	0.001	NONE	-	-	< 0.001	-	-
Ethylbenzene	mg/kg	0.001	NONE	-	-	< 0.001	-	-
p & m-xylene	mg/kg	0.001	NONE	-	-	< 0.001	-	-
o-xylene	mg/kg	0.001	NONE	-	-	< 0.001	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	NONE	-	-	< 0.001	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	< 0.001	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	< 0.001	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	< 0.001	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	< 1.0	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	< 2.0	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	< 8.0	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	< 8.0	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	< 10	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	< 10	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	< 10	-	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	< 0.001	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	< 0.001	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	< 0.001	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	< 1.0	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	27	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	110	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	140	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	19	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	270	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	290	-	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	< 1.0	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	27	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	270	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 22-91242
Project / Site name: Mount Rd Gorton
Your Order No: C5150 3636 MS

Lab Sample Number				2467940	2467941	2467942	2467943	2467944
Sample Reference				TP24	TP25	TP27	TP28	TP29
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10-0.20	0.30-0.60	0.30-0.60	0.30-0.60	0.30-0.60
Date Sampled				13/10/2022	14/10/2022	14/10/2022	14/10/2022	14/10/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	19	36	27	33	28
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.9	6.9	6.8	7.3	6.9
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	-	650	360	-	290
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	-	0.33	0.18	-	0.14
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	-	327	179	-	143
Organic Matter	%	0.1	MCERTS	-	-	-	-	-
Organic Matter (automated)	%	0.1	MCERTS	-	9.8	9.5	-	8.7

Speciated PAHs

Naphthalene	mg/kg	0.05	NONE	-	0.87	1.2	-	1.2
Acenaphthylene	mg/kg	0.05	NONE	-	< 0.05	< 0.05	-	0.11
Acenaphthene	mg/kg	0.05	NONE	-	0.53	6.8	-	2.5
Fluorene	mg/kg	0.05	NONE	-	0.28	3.7	-	1.6
Phenanthrene	mg/kg	0.05	NONE	-	4.4	42	-	15
Anthracene	mg/kg	0.05	NONE	-	1.2	10	-	4.1
Fluoranthene	mg/kg	0.05	NONE	-	8	54	-	17
Pyrene	mg/kg	0.05	NONE	-	7.7	48	-	15
Benzo(a)anthracene	mg/kg	0.05	NONE	-	4.7	26	-	8.4
Chrysene	mg/kg	0.05	NONE	-	4.8	25	-	7.3
Benzo(b)fluoranthene	mg/kg	0.05	NONE	-	6.1	25	-	9
Benzo(k)fluoranthene	mg/kg	0.05	NONE	-	1.8	13	-	1.8
Benzo(a)pyrene	mg/kg	0.05	NONE	-	5.2	26	-	7.4
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	NONE	-	2.6	11	-	3.4
Dibenz(a,h)anthracene	mg/kg	0.05	NONE	-	0.8	3.4	-	1.1
Benzo(ghi)perylene	mg/kg	0.05	NONE	-	3.2	14	-	4.1

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	NONE	-	52.2	310	-	99.4

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	48	190	150	190	180
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	3	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	35	48	45	54	44
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	35	48	45	54	44
Copper (aqua regia extractable)	mg/kg	1	MCERTS	960	1200	780	470	2700
Lead (aqua regia extractable)	mg/kg	1	MCERTS	960	1200	660	800	760
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	4.1	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	37	99	100	99	98
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	560	1200	540	580	570

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The results included within the report relate only to the sample(s) submitted for testing

Analytical Report Number: 22-91242
Project / Site name: Mount Rd Gorton
Your Order No: C5150 3636 MS

Lab Sample Number				2467940	2467941	2467942	2467943	2467944
Sample Reference				TP24	TP25	TP27	TP28	TP29
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10-0.20	0.30-0.60	0.30-0.60	0.30-0.60	0.30-0.60
Date Sampled				13/10/2022	14/10/2022	14/10/2022	14/10/2022	14/10/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	-	-	-

Monoaromatics & Oxygenates

Benzene	mg/kg	0.001	NONE	-	-	-	-	-
Toluene	mg/kg	0.001	NONE	-	-	-	-	-
Ethylbenzene	mg/kg	0.001	NONE	-	-	-	-	-
p & m-xylene	mg/kg	0.001	NONE	-	-	-	-	-
o-xylene	mg/kg	0.001	NONE	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	NONE	-	-	-	-	-

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-

TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-

TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	-	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 22-91242
Project / Site name: Mount Rd Gorton
Your Order No: C5150 3636 MS

Lab Sample Number				2467945	2467946	2467947	2467948	2467949
Sample Reference				TP30	TP31	TP34	TP35	TP36
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10-0.20	0.30-0.60	0.30-0.60	0.30-0.60	0.30-0.60
Date Sampled				14/10/2022	14/10/2022	14/10/2022	14/10/2022	14/10/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	23	24	29	21	17
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.4	7.3	6.6	7.3	6.9
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	37	-	-	1300	720
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.019	-	-	0.65	0.36
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	18.6	-	-	651	358
Organic Matter	%	0.1	MCERTS	15	-	-	-	-
Organic Matter (automated)	%	0.1	MCERTS	-	-	-	3.3	8.5

Speciated PAHs

Naphthalene	mg/kg	0.05	NONE	< 0.05	-	-	0.88	< 0.05
Acenaphthylene	mg/kg	0.05	NONE	1	-	-	< 0.05	0.97
Acenaphthene	mg/kg	0.05	NONE	27	-	-	1	21
Fluorene	mg/kg	0.05	NONE	16	-	-	0.7	12
Phenanthrene	mg/kg	0.05	NONE	220	-	-	6.5	180
Anthracene	mg/kg	0.05	NONE	65	-	-	1.9	50
Fluoranthene	mg/kg	0.05	NONE	290	-	-	6.5	310
Pyrene	mg/kg	0.05	NONE	280	-	-	5.5	290
Benzo(a)anthracene	mg/kg	0.05	NONE	140	-	-	3.2	130
Chrysene	mg/kg	0.05	NONE	130	-	-	2.8	120
Benzo(b)fluoranthene	mg/kg	0.05	NONE	140	-	-	2.6	130
Benzo(k)fluoranthene	mg/kg	0.05	NONE	45	-	-	1.2	50
Benzo(a)pyrene	mg/kg	0.05	NONE	130	-	-	2.6	120
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	NONE	52	-	-	1.1	55
Dibenz(a,h)anthracene	mg/kg	0.05	NONE	15	-	-	0.39	16
Benzo(ghi)perylene	mg/kg	0.05	NONE	60	-	-	1.3	60

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	NONE	1610	-	-	38.2	1550

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	45	130	210	180	170
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	3.4	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	24	45	49	51	42
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	24	45	49	51	42
Copper (aqua regia extractable)	mg/kg	1	MCERTS	270	540	560	610	670
Lead (aqua regia extractable)	mg/kg	1	MCERTS	500	1600	1200	960	790
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	2	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	24	100	130	100	100
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	440	710	950	660	590

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The results included within the report relate only to the sample(s) submitted for testing

Analytical Report Number: 22-91242
Project / Site name: Mount Rd Gorton
Your Order No: C5150 3636 MS

Lab Sample Number				2467945	2467946	2467947	2467948	2467949
Sample Reference				TP30	TP31	TP34	TP35	TP36
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10-0.20	0.30-0.60	0.30-0.60	0.30-0.60	0.30-0.60
Date Sampled				14/10/2022	14/10/2022	14/10/2022	14/10/2022	14/10/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	-	-	-

Monoaromatics & Oxygenates

Benzene	mg/kg	0.001	NONE	-	-	-	-	-
Toluene	mg/kg	0.001	NONE	-	-	-	-	-
Ethylbenzene	mg/kg	0.001	NONE	-	-	-	-	-
p & m-xylene	mg/kg	0.001	NONE	-	-	-	-	-
o-xylene	mg/kg	0.001	NONE	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	NONE	-	-	-	-	-

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-

TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-

TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	-	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number : 22-91242
Project / Site name: Mount Rd Gorton

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

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

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2467915	WS01	None Supplied	0.1	Brown loam and sand with gravel and vegetation.
2467916	WS02	None Supplied	0.25-0.35	Brown clay and loam with gravel and vegetation.
2467917	WS03	None Supplied	0.10-0.20	Brown loam and sand with gravel and vegetation.
2467918	WS04	None Supplied	0.30-0.50	Brown clay and loam with gravel and vegetation.
2467919	WS05	None Supplied	0.30-0.60	Brown sand with loam
2467920	WS06	None Supplied	0.30-0.60	Brown sand with loam and vegetation.
2467921	WS07	None Supplied	0.40-0.60	Brown sand with loam and vegetation.
2467922	WS08	None Supplied	0.30-0.60	Brown sand with loam and rubble
2467923	WS09	None Supplied	0.30-0.60	Brown loam and sand with vegetation and gravel.
2467924	WS11	None Supplied	0.20-0.40	Brown sand with vegetation and clinker
2467925	WS12	None Supplied	0.30-0.60	Brown sand with loam and vegetation.
2467926	TP03	None Supplied	0.05-0.10	Light grey sand with gravel.
2467927	TP05	None Supplied	0.10-0.20	Brown sandy loam with vegetation and gravel
2467928	TP06	None Supplied	0.10-0.20	Brown loam and sand with vegetation and gravel.
2467929	TP07	None Supplied	0.30-0.60	Brown sand with loam and vegetation.
2467930	TP08	None Supplied	0.30-0.40	Brown loam and sand with glass and vegetation.
2467931	TP10	None Supplied	0.30-0.60	Brown loam and sand with vegetation
2467932	TP11	None Supplied	0.10-0.20	Brown sandy loam with vegetation and gravel
2467933	TP12	None Supplied	0.30-0.45	Brown clay and snd with loam and vegetation
2467934	TP13	None Supplied	0.30-0.60	Brown clay and snd with loam and vegetation
2467935	TP14	None Supplied	0.30-0.60	Brown sand with loam and vegetation.
2467936	TP15	None Supplied	0.10-0.20	Brown loam and sand with vegetation and gravel.
2467937	TP17	None Supplied	0.30-0.60	Brown sand with loam
2467938	TP20	None Supplied	0.30-0.60	Brown sand with loam and vegetation.
2467939	TP21	None Supplied	0.30-0.60	Brown sand with loam and vegetation.
2467940	TP24	None Supplied	0.10-0.20	Brown loam and sand with vegetation and gravel.
2467941	TP25	None Supplied	0.30-0.60	Brown clay and sand with vegetation and clinker
2467942	TP27	None Supplied	0.30-0.60	Brown sand with loam and vegetation.
2467943	TP28	None Supplied	0.30-0.60	Brown sand with vegetation and clinker
2467944	TP29	None Supplied	0.30-0.60	Brown sand with loam
2467945	TP30	None Supplied	0.10-0.20	Brown loam and sand with vegetation and gravel.
2467946	TP31	None Supplied	0.30-0.60	Brown clay and loam with gravel and vegetation.
2467947	TP34	None Supplied	0.30-0.60	Brown clay and loam with gravel and vegetation.
2467948	TP35	None Supplied	0.30-0.60	Brown clay and loam with gravel and vegetation.
2467949	TP36	None Supplied	0.30-0.60	Brown clay and loam with gravel and vegetation.

Analytical Report Number : 22-91242
Project / Site name: Mount Rd Gorton

Water matrix abbreviations:
Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
Organic matter in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L023-PL	D	MCERTS
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	NONE
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
TPH in (Soil)	Determination of TPH bands by HS-GC-MS/GC-FID	In-house method, TPH with carbon banding and silica gel split/cleanup.	L076-PL	D	NONE
Cr (III) in soil	In-house method by calculation from total Cr and Cr VI.	In-house method by calculation	L080-PL	W	NONE
TPHCWG (Soil)	Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID.	In-house method with silica gel split/clean up.	L088/76-PL	W	NONE
Organic matter (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L009-PL	D	MCERTS
Hexavalent chromium in soil (Lower Level)	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	NONE
BTEX and MTBE in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS.	In-house method based on USEPA8260	L073B-PL	W	NONE
Sulphate, water soluble, in soil	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS

For method numbers ending in 'UK or A' analysis have been carried out in our laboratory in the United Kingdom (WATFORD).
For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).
For method numbers ending in 'PL or B' analysis have been carried out in our laboratory in Poland.
Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC
Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Information in Support of Analytical Results

Analytical Report Number : 22-91242
Project / Site name: Mount Rd Gorton

Water matrix abbreviations:
Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status

List of HWOL Acronyms and Operators

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

Matthew Shore
Brownfield Solutions Ltd
William Smith House
173 - 183 Witton Street
Northwich
Cheshire
CW9 5LP

e: m.shore@brownfield-solutions.co.uk

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

Analytical Report Number : 22-91696

Project / Site name:	Mount Rd Gorton	**Samples received on:**	20/10/2022
Your job number:	C5150	**Samples instructed on/ Analysis started on:**	20/10/2022
Your order number:		**Analysis completed by:**	27/10/2022
Report Issue Number:	1	**Report issued on:**	27/10/2022
Samples Analysed:	2 soil samples		

Signed:

Dominika Warjan
Junior Reporting Specialist
For & on behalf of i2 Analytical Ltd.

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

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

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

soils - 4 weeks from reporting
leachates - 2 weeks from reporting
waters - 2 weeks from reporting
asbestos - 6 months from reporting

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

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The results included within the report relate only to the sample(s) submitted for testing

Analytical Report Number: 22-91696
Project / Site name: Mount Rd Gorton

Lab Sample Number				2470401	2470402
Sample Reference				TP37	TP40
Sample Number				None Supplied	None Supplied
Depth (m)				0.30-0.60	0.30-0.60
Date Sampled				18/10/2022	18/10/2022
Time Taken				None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**		
Stone Content	%	0.1	NONE	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	28	20
Total mass of sample received	kg	0.001	NONE	0.4	0.4
General Inorganics					
pH - Automated	pH Units	N/A	MCERTS	7.5	8
Heavy Metals / Metalloids					
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	140	130
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	49	69
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	49	69
Copper (aqua regia extractable)	mg/kg	1	MCERTS	700	760
Lead (aqua regia extractable)	mg/kg	1	MCERTS	1300	1600
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	8.9	1.2
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	97	100
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	1800	940

U/S = Unsuitable Sample I/S = Insufficient Sample

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Analytical Report Number : 22-91696
Project / Site name: Mount Rd Gorton

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

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

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2470401	TP37	None Supplied	0.30-0.60	Brown clay and sand with rubble and clinker
2470402	TP40	None Supplied	0.30-0.60	Brown loam with gravel and vegetation.

Analytical Report Number : 22-91696
Project / Site name: Mount Rd Gorton

Water matrix abbreviations:
Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Cr (III) in soil	In-house method by calculation from total Cr and Cr VI.	In-house method by calculation	L080-PL	W	NONE
Hexavalent chromium in soil (Lower Level)	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	NONE

For method numbers ending in 'UK or A' analysis have been carried out in our laboratory in the United Kingdom (WATFORD).
For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).
For method numbers ending in 'PL or B' analysis have been carried out in our laboratory in Poland.
Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC
Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Matthew Shore
Brownfield Solutions Ltd
William Smith House
173 - 183 Witton Street
Northwich
Cheshire
CW9 5LP

e: m.shore@brownfield-solutions.co.uk

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

Analytical Report Number : 22-97418

Project / Site name:	Mount Rd Gorton	**Samples received on:**	17/11/2022
Your job number:	C5150	**Samples instructed on/ Analysis started on:**	17/11/2022
Your order number:		**Analysis completed by:**	26/11/2022
Report Issue Number:	1	**Report issued on:**	28/11/2022
Samples Analysed:	3 soil samples		

Signed:

Anna Goc
Junior Reporting Specialist
For & on behalf of i2 Analytical Ltd.

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

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

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

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

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

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

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The results included within the report relate only to the sample(s) submitted for testing

Analytical Report Number: 22-97418
Project / Site name: Mount Rd Gorton

Lab Sample Number				2503437	2503438	2503439
Sample Reference				WS10	TP23	TP32
Sample Number				None Supplied	None Supplied	None Supplied
Depth (m)				0.10-0.20	0.30-0.60	0.30-0.60
Date Sampled				16/11/2022	16/11/2022	16/11/2022
Time Taken				None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	19	10	11
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	SZS	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7	7.8	7.3
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	26	580	260
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.013	0.29	0.13
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	13.2	289	132
Organic Matter	%	0.1	MCERTS	14	-	-
Organic Matter (automated)	%	0.1	MCERTS	-	6	9.4

Speciated PAHs

Naphthalene	mg/kg	0.05	NONE	5.2	6.3	0.88
Acenaphthylene	mg/kg	0.05	NONE	2.7	0.48	0.39
Acenaphthene	mg/kg	0.05	NONE	16	11	5.6
Fluorene	mg/kg	0.05	NONE	10	7.8	3.3
Phenanthrene	mg/kg	0.05	NONE	110	64	37
Anthracene	mg/kg	0.05	NONE	29	19	9.1
Fluoranthene	mg/kg	0.05	NONE	210	72	57
Pyrene	mg/kg	0.05	NONE	190	62	54
Benzo(a)anthracene	mg/kg	0.05	NONE	110	38	32
Chrysene	mg/kg	0.05	NONE	96	36	28
Benzo(b)fluoranthene	mg/kg	0.05	NONE	120	38	32
Benzo(k)fluoranthene	mg/kg	0.05	NONE	24	17	13
Benzo(a)pyrene	mg/kg	0.05	NONE	87	35	30
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	NONE	46	17	17
Dibenz(a,h)anthracene	mg/kg	0.05	NONE	12	4.6	4.9
Benzo(ghi)perylene	mg/kg	0.05	NONE	50	20	19

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	NONE	1120	447	342

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	29	120	120
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	3	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	180	41	38
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	180	41	38
Copper (aqua regia extractable)	mg/kg	1	MCERTS	200	860	720
Lead (aqua regia extractable)	mg/kg	1	MCERTS	390	840	910
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.9	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	24	96	90
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	350	470	580

U/S = Unsuitable Sample I/S = Insufficient Sample

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The results included within the report relate only to the sample(s) submitted for testing

Analytical Report Number : 22-97418
Project / Site name: Mount Rd Gorton

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

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

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2503437	WS10	None Supplied	0.10-0.20	Brown loam and sand with vegetation.
2503438	TP23	None Supplied	0.30-0.60	Brown loam and sand with gravel and vegetation.
2503439	TP32	None Supplied	0.30-0.60	Brown loam and sand with gravel and vegetation.

Analytical Report Number : 22-97418
Project / Site name: Mount Rd Gorton

Water matrix abbreviations:
Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
Organic matter in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L023-PL	D	MCERTS
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	NONE
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Cr (III) in soil	In-house method by calculation from total Cr and Cr VI.	In-house method by calculation	L080-PL	W	NONE
Organic matter (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L009-PL	D	MCERTS
Hexavalent chromium in soil (Lower Level)	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	NONE
Sulphate, water soluble, in soil	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS

For method numbers ending in 'UK or A' analysis have been carried out in our laboratory in the United Kingdom (WATFORD).
For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).
For method numbers ending in 'PL or B' analysis have been carried out in our laboratory in Poland.
Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC
Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Megan Buckley
Brownfield Solutions Ltd
William Smith House
173 - 183 Witton Street
Northwich
Cheshire
CW9 5LP

e: m.buckley@brownfield-solutions.co.uk

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

Analytical Report Number : 23-36974

Project / Site name:	Mount Road	**Samples received on:**	01/06/2023
Your job number:	C5150	**Samples instructed on/ Analysis started on:**	01/06/2023
Your order number:	C5150 MB 4251	**Analysis completed by:**	08/06/2023
Report Issue Number:	1	**Report issued on:**	08/06/2023
Samples Analysed:	10 soil samples		

Signed:

Joanna Wawrzeczko
Reporting Specialist
For & on behalf of i2 Analytical Ltd.

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

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

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

soils - 4 weeks from reporting
leachates - 2 weeks from reporting
waters - 2 weeks from reporting
asbestos - 6 months from reporting

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

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The results included within the report relate only to the sample(s) submitted for testing.

Analytical Report Number: 23-36974
Project / Site name: Mount Road
Your Order No: C5150 MB 4251

Lab Sample Number				2698562	2698563	2698564	2698565	2698566
Sample Reference				TP102	TP108	TP132	TP152	TP171
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.25-0.3	0.2-0.3	0.2-0.3	0.15-0.2	0.2-0.3
Date Sampled				23/05/2023	23/05/2023	24/05/2023	25/05/2023	25/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	13	6.8	14	13	7.9
Total mass of sample received	kg	0.001	NONE	0.9	0.9	0.9	0.9	0.9
General Inorganics								
pH - Automated	pH Units	N/A	MCERTS	6.1	7.1	7.5	7.4	4.1
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	290	190	29	18	200
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.14	0.093	0.015	0.0089	0.098
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	144	93	14.5	8.9	98.3
Organic Matter (automated)	%	0.1	MCERTS	6.5	7.9	8.6	12	8.2
Speciated PAHs								
Naphthalene	mg/kg	0.05	NONE	2.9	8.9	0.37	1.9	5.6
Acenaphthylene	mg/kg	0.05	NONE	< 0.05	< 0.05	0.12	1.5	1.3
Acenaphthene	mg/kg	0.05	NONE	25	40	0.98	8.8	23
Fluorene	mg/kg	0.05	NONE	15	25	0.56	4.5	13
Phenanthrene	mg/kg	0.05	NONE	190	270	7.2	71	160
Anthracene	mg/kg	0.05	NONE	47	62	2	18	38
Fluoranthene	mg/kg	0.05	NONE	240	280	13	170	190
Pyrene	mg/kg	0.05	NONE	210	250	12	150	170
Benzo(a)anthracene	mg/kg	0.05	NONE	92	110	6.2	83	76
Chrysene	mg/kg	0.05	NONE	92	110	6.6	82	77
Benzo(b)fluoranthene	mg/kg	0.05	NONE	99	110	7.6	94	78
Benzo(k)fluoranthene	mg/kg	0.05	NONE	35	37	3.1	39	28
Benzo(a)pyrene	mg/kg	0.05	NONE	81	93	6.2	77	64
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	NONE	44	46	3.2	44	33
Dibenz(a,h)anthracene	mg/kg	0.05	NONE	13	15	0.9	13	8.4
Benzo(ghi)perylene	mg/kg	0.05	NONE	54	57	3.7	54	42
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	0.8	NONE	1250	1510	73.3	916	1010
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	190	190	150	59	190
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	40	< 0.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	37	39	41	60	42
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	37	39	41	60	42
Copper (aqua regia extractable)	mg/kg	1	MCERTS	750	1100	320	380	710
Lead (aqua regia extractable)	mg/kg	1	MCERTS	490	530	1200	1300	830
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	7.6	0.9
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	120	110	93	44	110
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	370	410	740	4600	550

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

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The results included within the report relate only to the sample(s) submitted for testing.

Analytical Report Number: 23-36974
Project / Site name: Mount Road
Your Order No: C5150 MB 4251

Lab Sample Number				2698567	2698568	2698569	2698570	2698571
Sample Reference				TP177	TP180	TP185	TP202	TP224
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.2-0.3	0.2-0.3	0.2-0.3	0.2-0.3	0.2-0.3
Date Sampled				25/05/2023	30/05/2023	30/05/2023	30/05/2023	31/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	12	9.2	10	13	10
Total mass of sample received	kg	0.001	NONE	0.9	0.9	0.9	0.9	0.9
General Inorganics								
pH - Automated	pH Units	N/A	MCERTS	7.2	7.6	7.5	7	6.2
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	12	21	27	43	15
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0059	0.011	0.013	0.022	0.0076
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	5.9	10.7	13.3	21.6	7.6
Organic Matter (automated)	%	0.1	MCERTS	12	8.8	7.2	10	9.9
Speciated PAHs								
Naphthalene	mg/kg	0.05	NONE	2	2.5	4	0.99	6.7
Acenaphthylene	mg/kg	0.05	NONE	1.7	1.4	1.9	< 0.05	4
Acenaphthene	mg/kg	0.05	NONE	18	24	39	15	79
Fluorene	mg/kg	0.05	NONE	10	15	23	8.7	44
Phenanthrene	mg/kg	0.05	NONE	150	200	290	110	550
Anthracene	mg/kg	0.05	NONE	38	56	73	28	160
Fluoranthene	mg/kg	0.05	NONE	270	300	360	160	810
Pyrene	mg/kg	0.05	NONE	240	260	320	150	690
Benzo(a)anthracene	mg/kg	0.05	NONE	120	140	160	65	360
Chrysene	mg/kg	0.05	NONE	120	130	150	68	370
Benzo(b)fluoranthene	mg/kg	0.05	NONE	130	130	160	75	400
Benzo(k)fluoranthene	mg/kg	0.05	NONE	53	55	60	24	150
Benzo(a)pyrene	mg/kg	0.05	NONE	110	110	130	58	310
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	NONE	60	60	68	31	160
Dibenz(a,h)anthracene	mg/kg	0.05	NONE	18	18	20	9.3	51
Benzo(ghi)perylene	mg/kg	0.05	NONE	72	69	78	40	190
Total PAH								
Speciated Total EPA-16 PAHs	mg/kg	0.8	NONE	1420	1570	1940	845	4350
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	58	63	69	140	70
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	2.7	< 0.2	4.3	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	37	33	52	40	38
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	37	33	52	40	39
Copper (aqua regia extractable)	mg/kg	1	MCERTS	330	480	460	640	350
Lead (aqua regia extractable)	mg/kg	1	MCERTS	680	800	780	1600	660
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	2.5	1	1.6	0.5	0.7
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	36	43	51	84	48
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	640	700	2300	880	530

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

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Analytical Report Number : 23-36974
Project / Site name: Mount Road

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

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

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2698562	TP102	None Supplied	0.25-0.3	Brown loam and sand with gravel and vegetation.
2698563	TP108	None Supplied	0.2-0.3	Brown loam and sand with clinker and glass.
2698564	TP132	None Supplied	0.2-0.3	Brown loam and sand with gravel and vegetation.
2698565	TP152	None Supplied	0.15-0.2	Brown loam and sand with gravel and vegetation.
2698566	TP171	None Supplied	0.2-0.3	Brown loam and sand with clinker and vegetation.
2698567	TP177	None Supplied	0.2-0.3	Brown loam and sand with gravel and vegetation.
2698568	TP180	None Supplied	0.2-0.3	Brown loam and sand with gravel and vegetation.
2698569	TP185	None Supplied	0.2-0.3	Brown loam and sand with gravel and vegetation.
2698570	TP202	None Supplied	0.2-0.3	Brown loam and sand with gravel and vegetation.
2698571	TP224	None Supplied	0.2-0.3	Brown loam and sand with gravel and vegetation.

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Analytical Report Number : 23-36974
Project / Site name: Mount Road

Water matrix abbreviations:
Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	NONE
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Cr (III) in soil	In-house method by calculation from total Cr and Cr VI.	In-house method by calculation	L080-PL	W	NONE
Organic matter (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L009-PL	D	MCERTS
Hexavalent chromium in soil (Lower Level)	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	NONE
Sulphate, water soluble, in soil	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS

For method numbers ending in 'UK or A' analysis have been carried out in our laboratory in the United Kingdom (WATFORD).
For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).
For method numbers ending in 'PL or B' analysis have been carried out in our laboratory in Poland.
Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.
Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

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The results included within the report relate only to the sample(s) submitted for testing.

Megan Buckley
Brownfield Solutions Ltd
William Smith House
173 - 183 Witton Street
Northwich
Cheshire
CW9 5LP

e: m.buckley@brownfield-solutions.co.uk

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

Analytical Report Number : 23-36978

Project / Site name:	Mount Road, Gorton	**Samples received on:**	01/06/2023
Your job number:	C5150	**Samples instructed on/ Analysis started on:**	01/06/2023
Your order number:	C5150 MB 4250	**Analysis completed by:**	08/06/2023
Report Issue Number:	1	**Report issued on:**	09/06/2023
Samples Analysed:	131 soil samples		

Signed:

Joanna Wawrzeczko
Reporting Specialist
For & on behalf of i2 Analytical Ltd.

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

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

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

soils - 4 weeks from reporting
leachates - 2 weeks from reporting
waters - 2 weeks from reporting
asbestos - 6 months from reporting

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

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The results included within the report relate only to the sample(s) submitted for testing.

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698576	2698577	2698578	2698579	2698580
Sample Reference				TP100	TP101	TP102	TP103	TP235
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.20	0.00-0.20	0.00-0.15	0.00-0.20	0.00-0.15
Date Sampled				23/05/2023	23/05/2023	23/05/2023	23/05/2023	23/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	9.7	17	14	12	16
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	KWB	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.4	5.7	6.6	6.8	7.2
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	94	16	200	120	17
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.047	0.0082	0.1	0.061	0.0085
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	47	8.2	101	61.3	8.5
Organic Matter	%	0.1	MCERTS	-	-	-	-	-
Organic Matter (automated)	%	0.1	MCERTS	4.3	8.7	6.7	4.5	3.9

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	< 1.0	< 1.0	1.7	< 1.0	< 1.0
Acenaphthylene	mg/kg	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Acenaphthene	mg/kg	1	NONE	< 1.0	< 1.0	24	1.1	< 1.0
Fluorene	mg/kg	1	NONE	< 1.0	< 1.0	15	< 1.0	< 1.0
Phenanthrene	mg/kg	1	NONE	< 1.0	1.9	170	8	2.4
Anthracene	mg/kg	1	NONE	< 1.0	< 1.0	42	2.1	< 1.0
Fluoranthene	mg/kg	1	NONE	1.4	3.9	210	9.8	4.8
Pyrene	mg/kg	1	NONE	1.4	3.8	180	9.1	4.6
Benzo(a)anthracene	mg/kg	1	NONE	< 1.0	1.8	74	3.9	2
Chrysene	mg/kg	1	NONE	< 1.0	2	73	4.1	2.2
Benzo(b)fluoranthene	mg/kg	1	NONE	< 1.0	2.5	82	4.8	2.5
Benzo(k)fluoranthene	mg/kg	1	NONE	< 1.0	< 1.0	27	1.8	1.1
Benzo(a)pyrene	mg/kg	1	NONE	< 1.0	2	65	3.9	2.1
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	< 1.0	< 1.0	33	1.7	< 1.0
Dibenz(a,h)anthracene	mg/kg	1	NONE	< 1.0	< 1.0	8.6	< 1.0	< 1.0
Benzo(ghi)perylene	mg/kg	1	NONE	< 1.0	< 1.0	41	1.9	< 1.0

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	< 16	21.7	1050	53.4	24.6

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	150	24	210	320	45
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	37	21	36	57	25
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	38	21	37	57	25
Copper (aqua regia extractable)	mg/kg	1	MCERTS	860	61	1000	1100	87
Lead (aqua regia extractable)	mg/kg	1	MCERTS	350	130	530	5000	190
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	120	16	150	130	27
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	770	67	480	1200	140

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Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698576	2698577	2698578	2698579	2698580
Sample Reference				TP100	TP101	TP102	TP103	TP235
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.20	0.00-0.20	0.00-0.15	0.00-0.20	0.00-0.15
Date Sampled				23/05/2023	23/05/2023	23/05/2023	23/05/2023	23/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	-	-	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	-	-	-	-	-
Toluene	mg/kg	0.005	NONE	-	-	-	-	-
Ethylbenzene	mg/kg	0.005	NONE	-	-	-	-	-
p & m-xylene	mg/kg	0.005	NONE	-	-	-	-	-
o-xylene	mg/kg	0.005	NONE	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-	-	-	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	-	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-

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

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The results included within the report relate only to the sample(s) submitted for testing.

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698581	2698582	2698583	2698584	2698585
Sample Reference				TP104	TP105	TP106	TP237	TP107
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.20	0.00-0.20	0.00-0.20	0.00-0.20	0.00-0.20
Date Sampled				23/05/2023	23/05/2023	23/05/2023	23/05/2023	23/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	16	11	12	13	15
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	-	-	-	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	N/A	N/A	KWB

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7	7.5	7	7.6	6.9
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	34	9.2	15	34	14
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.017	0.0046	0.0074	0.017	0.0068
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	17	4.6	7.4	17.1	6.8
Organic Matter	%	0.1	MCERTS	-	-	-	-	-
Organic Matter (automated)	%	0.1	MCERTS	12	6.1	9.9	6	9.5

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	1.2	8	1.7	2.9	2.6
Acenaphthylene	mg/kg	1	NONE	< 1.0	2.3	< 1.0	< 1.0	< 1.0
Acenaphthene	mg/kg	1	NONE	7.1	39	9.1	8.6	11
Fluorene	mg/kg	1	NONE	4.1	24	4.9	4.9	6.3
Phenanthrene	mg/kg	1	NONE	42	270	62	57	80
Anthracene	mg/kg	1	NONE	11	80	17	14	19
Fluoranthene	mg/kg	1	NONE	52	430	110	110	130
Pyrene	mg/kg	1	NONE	45	360	100	95	110
Benzo(a)anthracene	mg/kg	1	NONE	23	190	53	47	63
Chrysene	mg/kg	1	NONE	23	180	51	48	57
Benzo(b)fluoranthene	mg/kg	1	NONE	28	200	60	56	65
Benzo(k)fluoranthene	mg/kg	1	NONE	10	94	20	22	30
Benzo(a)pyrene	mg/kg	1	NONE	22	160	46	45	54
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	9	90	24	24	30
Dibenz(a,h)anthracene	mg/kg	1	NONE	2.7	24	6.6	6.2	7.4
Benzo(ghi)perylene	mg/kg	1	NONE	9.3	100	30	30	37

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	290	2250	599	567	702

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	130	38	94	43	95
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	2.5	4.8	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	51	27	45	31	36
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	51	27	45	32	36
Copper (aqua regia extractable)	mg/kg	1	MCERTS	870	360	600	230	440
Lead (aqua regia extractable)	mg/kg	1	MCERTS	1600	500	1700	260	950
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.2	2.7	1.8	0.4	2.2
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	100	39	61	31	55
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	2000	490	1500	160	720

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698581	2698582	2698583	2698584	2698585
Sample Reference				TP104	TP105	TP106	TP237	TP107
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.20	0.00-0.20	0.00-0.20	0.00-0.20	0.00-0.20
Date Sampled				23/05/2023	23/05/2023	23/05/2023	23/05/2023	23/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	< 0.007	-	-	-	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	< 0.005	-	-	-	-
Toluene	mg/kg	0.005	NONE	< 0.005	-	-	-	-
Ethylbenzene	mg/kg	0.005	NONE	< 0.005	-	-	-	-
p & m-xylene	mg/kg	0.005	NONE	< 0.005	-	-	-	-
o-xylene	mg/kg	0.005	NONE	< 0.005##	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	< 0.005	-	-	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	< 0.001	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	< 0.001	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	< 0.001	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	1	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	4.2	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	< 8.0	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	19	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	19	-	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	< 10	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	29	-	-	-	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	< 0.001	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	< 0.001	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	< 0.001	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	< 1.0	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	13	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	81	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	160	-	-	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	14	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	260	-	-	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	310	-	-	-	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	< 1.0	-	-	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	19	-	-	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	290	-	-	-	-

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

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Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698586	2698587	2698588	2698589	2698590
Sample Reference				TP238	TP108	TP109	TP240	TP239
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.20	0.00-0.20	0.00-0.15	0.00-0.20	0.00-0.10
Date Sampled				23/05/2023	23/05/2023	23/05/2023	23/05/2023	23/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	11	11	12	12	13
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	-	-	-	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	N/A	N/A	KWB

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.6	6.9	6.4	7.7	7.6
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	23	7.7	66	460	40
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.012	0.0039	0.033	0.23	0.02
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	11.5	3.9	33.2	229	19.9
Organic Matter	%	0.1	MCERTS	-	16	18	-	-
Organic Matter (automated)	%	0.1	MCERTS	9.5	-	-	9.4	11

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	26	11	11	9.3	5.3
Acenaphthylene	mg/kg	1	NONE	< 1.0	3.5	2.7	< 1.0	2.3
Acenaphthene	mg/kg	1	NONE	170	110	70	78	44
Fluorene	mg/kg	1	NONE	100	55	39	48	25
Phenanthrene	mg/kg	1	NONE	1200$	730	480	520	330
Anthracene	mg/kg	1	NONE	320	170	120	120	83
Fluoranthene	mg/kg	1	NONE	1600$	1400$	750	660	500
Pyrene	mg/kg	1	NONE	1300$	1200$	680	580	460
Benzo(a)anthracene	mg/kg	1	NONE	680	620	320	270	210
Chrysene	mg/kg	1	NONE	630	600	330	260	210
Benzo(b)fluoranthene	mg/kg	1	NONE	690	620	350	280	220
Benzo(k)fluoranthene	mg/kg	1	NONE	200	290	140	100	80
Benzo(a)pyrene	mg/kg	1	NONE	550	570	300	230	190
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	270	300	170	120	98
Dibenz(a,h)anthracene	mg/kg	1	NONE	89	89	50	37	22
Benzo(ghi)perylene	mg/kg	1	NONE	320	370	210	160	120

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	8180	7160	4020	3480	2590

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	56	58	86	52	34
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	2.9	5	< 0.2	2.4	2.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	19	41	32	40	34
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	19	42	32	41	34
Copper (aqua regia extractable)	mg/kg	1	MCERTS	970	430	290	320	190
Lead (aqua regia extractable)	mg/kg	1	MCERTS	290	600	470	400	380
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.8	2.4	0.7	0.8	1.2
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	36	52	51	45	25
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	630	570	320	380	410

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698586	2698587	2698588	2698589	2698590
Sample Reference				TP238	TP108	TP109	TP240	TP239
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.20	0.00-0.20	0.00-0.15	0.00-0.20	0.00-0.10
Date Sampled				23/05/2023	23/05/2023	23/05/2023	23/05/2023	23/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	< 0.007	< 0.007	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	-	-	< 0.005	< 0.005	-
Toluene	mg/kg	0.005	NONE	-	-	< 0.005	< 0.005	-
Ethylbenzene	mg/kg	0.005	NONE	-	-	< 0.005	< 0.005	-
p & m-xylene	mg/kg	0.005	NONE	-	-	< 0.005	< 0.005	-
o-xylene	mg/kg	0.005	NONE	-	-	< 0.005##	< 0.005##	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-	-	< 0.005	< 0.005	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	< 0.001	< 0.001	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	3	< 1.0	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	14	5.1	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	30	11	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	83	43	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	110	54	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	16	10	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	130	60	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	< 0.001	< 0.001	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	< 0.001	< 0.001	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	< 0.001	< 0.001	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	1.7	< 1.0	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	33	34	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	390	340	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	850	660	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	74	68	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	1300	1000	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	1500	1200	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	< 1.0	< 1.0	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	52	40	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	1400	1100	-

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

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698591	2698592	2698593	2698594	2698595
Sample Reference				TP241	TP110	TP111	TP242	TP112
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.20	0.00-0.20	0.00-0.20	0.00-0.20	0.00-0.20
Date Sampled				23/05/2023	23/05/2023	23/05/2023	23/05/2023	23/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	21	12	12	17	11
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	-	Not-detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	KWB	N/A	KWB	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.3	6.1	7.5	6.6	6.8
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	38	8.3	61	110	10
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.019	0.0041	0.03	0.055	0.0052
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	19	4.1	30.3	55.1	5.2
Organic Matter	%	0.1	MCERTS	-	-	-	-	13
Organic Matter (automated)	%	0.1	MCERTS	12	10	6.8	6.1	-

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	< 1.0	5.5	< 1.0	1	4.9
Acenaphthylene	mg/kg	1	NONE	< 1.0	3.1	< 1.0	< 1.0	1.7
Acenaphthene	mg/kg	1	NONE	3.6	43	4.7	< 1.0	33
Fluorene	mg/kg	1	NONE	2.2	25	3.2	< 1.0	19
Phenanthrene	mg/kg	1	NONE	27	320	47	8.3	260
Anthracene	mg/kg	1	NONE	6.8	73	12	1.8	66
Fluoranthene	mg/kg	1	NONE	37	510	76	11	440
Pyrene	mg/kg	1	NONE	35	460	75	11	410
Benzo(a)anthracene	mg/kg	1	NONE	15	210	29	4.9	200
Chrysene	mg/kg	1	NONE	16	210	30	5.3	190
Benzo(b)fluoranthene	mg/kg	1	NONE	19	220	31	5.3	220
Benzo(k)fluoranthene	mg/kg	1	NONE	6.9	83	13	2	86
Benzo(a)pyrene	mg/kg	1	NONE	15	190	26	4.5	180
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	6	96	14	2.5	98
Dibenz(a,h)anthracene	mg/kg	1	NONE	1.8	27	4.1	< 1.0	30
Benzo(ghi)perylene	mg/kg	1	NONE	6.3	120	17	3	120

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	198	2590	382	62.9	2360

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	190	77	220	69	59
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	3.7	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	34	33	43	26	25
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	34	33	43	27	26
Copper (aqua regia extractable)	mg/kg	1	MCERTS	390	360	650	210	270
Lead (aqua regia extractable)	mg/kg	1	MCERTS	590	770	1500	310	460
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1	1.5	< 0.3	< 0.3	0.8
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	81	45	130	40	40
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	550	420	580	170	370

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The results included within the report relate only to the sample(s) submitted for testing.

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698591	2698592	2698593	2698594	2698595
Sample Reference				TP241	TP110	TP111	TP242	TP112
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.20	0.00-0.20	0.00-0.20	0.00-0.20	0.00-0.20
Date Sampled				23/05/2023	23/05/2023	23/05/2023	23/05/2023	23/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	-	-	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	-	-	-	-	-
Toluene	mg/kg	0.005	NONE	-	-	-	-	-
Ethylbenzene	mg/kg	0.005	NONE	-	-	-	-	-
p & m-xylene	mg/kg	0.005	NONE	-	-	-	-	-
o-xylene	mg/kg	0.005	NONE	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-	-	-	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	-	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-

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

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The results included within the report relate only to the sample(s) submitted for testing.

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698596	2698597	2698598	2698599	2698600
Sample Reference				TP113	TP114	TP115	TP116	TP117
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.20	0.00-0.20	0.00-0.15	0.00-0.20	0.00-0.20
Date Sampled				23/05/2023	23/05/2023	24/05/2023	24/05/2023	24/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	10	10	10	15	13
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.3
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	KWB	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.1	6	6.2	6.7	6.3
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	10	19	240	18	9
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0052	0.0095	0.12	0.0092	0.0045
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	5.2	9.5	118	9.2	4.5
Organic Matter	%	0.1	MCERTS	18	16	-	-	-
Organic Matter (automated)	%	0.1	MCERTS	-	-	8	8.5	11

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	5.3	6.2	< 1.0	< 1.0	2
Acenaphthylene	mg/kg	1	NONE	< 1.0	1.5	< 1.0	< 1.0	< 1.0
Acenaphthene	mg/kg	1	NONE	77	59	3.2	< 1.0	17
Fluorene	mg/kg	1	NONE	43	36	1.9	< 1.0	11
Phenanthrene	mg/kg	1	NONE	450	410	23	3.9	130
Anthracene	mg/kg	1	NONE	120	100	5.3	< 1.0	32
Fluoranthene	mg/kg	1	NONE	610	500	28	7.8	180
Pyrene	mg/kg	1	NONE	560	440	25	7.1	160
Benzo(a)anthracene	mg/kg	1	NONE	270	200	12	3.5	69
Chrysene	mg/kg	1	NONE	280	190	13	3.6	71
Benzo(b)fluoranthene	mg/kg	1	NONE	290	210	12	4.2	81
Benzo(k)fluoranthene	mg/kg	1	NONE	130	79	4.7	1.6	24
Benzo(a)pyrene	mg/kg	1	NONE	240	170	10	3.4	59
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	130	87	6	2.2	32
Dibenz(a,h)anthracene	mg/kg	1	NONE	40	26	1.5	< 1.0	9
Benzo(ghi)perylene	mg/kg	1	NONE	160	110	7	2.5	39

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	3410	2630	153	42	921

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	60	110	220	230	58
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	3.7
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	30	27	43	45	33
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	30	27	43	45	33
Copper (aqua regia extractable)	mg/kg	1	MCERTS	300	330	490	530	270
Lead (aqua regia extractable)	mg/kg	1	MCERTS	540	560	930	590	790
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.6	0.7	< 0.3	< 0.3	4.5
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	36	55	100	110	47
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	350	270	490	940	1500

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698596	2698597	2698598	2698599	2698600
Sample Reference				TP113	TP114	TP115	TP116	TP117
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.20	0.00-0.20	0.00-0.15	0.00-0.20	0.00-0.20
Date Sampled				23/05/2023	23/05/2023	24/05/2023	24/05/2023	24/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	-	-	< 0.007
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	-	-	-	-	< 0.005
Toluene	mg/kg	0.005	NONE	-	-	-	-	< 0.005
Ethylbenzene	mg/kg	0.005	NONE	-	-	-	-	< 0.005
p & m-xylene	mg/kg	0.005	NONE	-	-	-	-	< 0.005
o-xylene	mg/kg	0.005	NONE	-	-	-	-	< 0.005##
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-	-	-	-	< 0.005
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	-	-	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	-	-	3.8
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	10
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	50
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	60
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	10
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	-	-	63
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	-	-	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	-	-	16
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	140
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	340
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	40
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	-	-	500
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	610
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	-	-	< 1.0
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	19
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	590

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

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698601	2698602	2698603	2698604	2698605
Sample Reference				TP118	TP119	TP120	TP121	TP122
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.05
Date Sampled				24/05/2023	24/05/2023	24/05/2023	24/05/2023	24/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	16	14	19	17	15
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	KWB	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.5	7.8	5.8	6.3	5.7
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	12	9.6	14	16	15
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0059	0.0048	0.0071	0.0078	0.0076
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	5.9	4.8	7.1	7.8	7.6
Organic Matter	%	0.1	MCERTS	-	-	21	20	18
Organic Matter (automated)	%	0.1	MCERTS	11	11	-	-	-

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	10	< 1.0	< 1.0	2.5	< 1.0
Acenaphthylene	mg/kg	1	NONE	1.3	1	< 1.0	< 1.0	< 1.0
Acenaphthene	mg/kg	1	NONE	27	9.6	1.7	7.2	3.9
Fluorene	mg/kg	1	NONE	17	5.5	< 1.0	4.1	1.9
Phenanthrene	mg/kg	1	NONE	200	80	13	43	30
Anthracene	mg/kg	1	NONE	48	22	3.8	13	8.2
Fluoranthene	mg/kg	1	NONE	270	130	33	73	74
Pyrene	mg/kg	1	NONE	240	120	29	64	67
Benzo(a)anthracene	mg/kg	1	NONE	110	53	18	29	33
Chrysene	mg/kg	1	NONE	110	57	19	30	33
Benzo(b)fluoranthene	mg/kg	1	NONE	130	59	22	34	41
Benzo(k)fluoranthene	mg/kg	1	NONE	43	28	9	13	17
Benzo(a)pyrene	mg/kg	1	NONE	100	47	18	25	31
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	56	26	11	15	20
Dibenz(a,h)anthracene	mg/kg	1	NONE	16	7.9	2.7	4.2	5.5
Benzo(ghi)perylene	mg/kg	1	NONE	68	32	13	18	23

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	1450	685	194	375	387

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	53	36	67	57	47
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	1.8	< 0.2	< 0.2	2.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	33	21	20	26	24
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	33	21	21	26	24
Copper (aqua regia extractable)	mg/kg	1	MCERTS	210	150	520	370	180
Lead (aqua regia extractable)	mg/kg	1	MCERTS	550	860	690	800	610
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.4	0.8	0.7	1.1	1.4
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	41	22	38	32	29
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	460	410	440	470	390

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The results included within the report relate only to the sample(s) submitted for testing.

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698601	2698602	2698603	2698604	2698605
Sample Reference				TP118	TP119	TP120	TP121	TP122
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.05
Date Sampled				24/05/2023	24/05/2023	24/05/2023	24/05/2023	24/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	-	-	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	-	-	-	-	-
Toluene	mg/kg	0.005	NONE	-	-	-	-	-
Ethylbenzene	mg/kg	0.005	NONE	-	-	-	-	-
p & m-xylene	mg/kg	0.005	NONE	-	-	-	-	-
o-xylene	mg/kg	0.005	NONE	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-	-	-	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	-	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-

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

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The results included within the report relate only to the sample(s) submitted for testing.

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698606	2698607	2698608	2698609	2698610
Sample Reference				TP123	TP124	TP125	TP126	TP127
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.05
Date Sampled				24/05/2023	24/05/2023	24/05/2023	24/05/2023	24/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	16	15	14	18	22
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	KWB	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.7	5.8	6.3	7.7	6.3
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	8.8	14	11	12	16
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0044	0.0068	0.0056	0.0061	0.0078
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	4.4	6.8	5.6	6.1	7.8
Organic Matter	%	0.1	MCERTS	16	14	15	16	22
Organic Matter (automated)	%	0.1	MCERTS	-	-	-	-	-

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	2	1.3	1.7	< 1.0	1.2
Acenaphthylene	mg/kg	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Acenaphthene	mg/kg	1	NONE	5	13	17	1.4	8.9
Fluorene	mg/kg	1	NONE	2.9	8.2	11	< 1.0	4.9
Phenanthrene	mg/kg	1	NONE	33	96	120	12	68
Anthracene	mg/kg	1	NONE	8.4	27	36	3.1	19
Fluoranthene	mg/kg	1	NONE	56	150	190	25	160
Pyrene	mg/kg	1	NONE	50	130	170	23	140
Benzo(a)anthracene	mg/kg	1	NONE	30	54	83	13	73
Chrysene	mg/kg	1	NONE	32	56	85	14	76
Benzo(b)fluoranthene	mg/kg	1	NONE	36	61	90	17	92
Benzo(k)fluoranthene	mg/kg	1	NONE	14	24	42	5.4	35
Benzo(a)pyrene	mg/kg	1	NONE	30	49	74	13	67
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	18	26	41	8.1	42
Dibenz(a,h)anthracene	mg/kg	1	NONE	4.4	7.7	12	2	12
Benzo(ghi)perylene	mg/kg	1	NONE	21	32	49	9.3	48

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	343	736	1030	147	842

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	37	58	36	37	38
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	2	< 0.2	7.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	17	21	22	15	17
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	17	21	22	15	17
Copper (aqua regia extractable)	mg/kg	1	MCERTS	140	150	150	82	130
Lead (aqua regia extractable)	mg/kg	1	MCERTS	420	310	420	290	500
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.7	< 0.3	0.9	< 0.3	0.9
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	26	32	28	19	22
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	320	190	710	180	260

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698606	2698607	2698608	2698609	2698610
Sample Reference				TP123	TP124	TP125	TP126	TP127
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.05
Date Sampled				24/05/2023	24/05/2023	24/05/2023	24/05/2023	24/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	-	-	< 0.007
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	-	-	-	-	< 0.005
Toluene	mg/kg	0.005	NONE	-	-	-	-	< 0.005
Ethylbenzene	mg/kg	0.005	NONE	-	-	-	-	< 0.005
p & m-xylene	mg/kg	0.005	NONE	-	-	-	-	< 0.005
o-xylene	mg/kg	0.005	NONE	-	-	-	-	< 0.005##
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-	-	-	-	< 0.005
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	-	-	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	-	-	9.1
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	23
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	84
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	110
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	19
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	-	-	120
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	-	-	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	-	-	32
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	330
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	920
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	100
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	-	-	1300
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	1500
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	-	-	< 1.0
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	41
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	1500

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

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Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698611	2698612	2698613	2698614	2698615
Sample Reference				TP128	TP129	TP130	TP131	TP132
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				24/05/2023	24/05/2023	24/05/2023	24/05/2023	24/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	16	12	17	21	12
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	-	-	Not-detected	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	N/A	KWB	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6	6.2	6.4	6.6	6.5
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	19	63	19	14	8.1
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0097	0.032	0.0093	0.0068	0.0041
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	9.7	31.7	9.3	6.8	4.1
Organic Matter	%	0.1	MCERTS	20	18	17	16	14
Organic Matter (automated)	%	0.1	MCERTS	-	-	-	-	-

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	3	3.1	< 1.0	1.2	< 1.0
Acenaphthylene	mg/kg	1	NONE	2.5	< 1.0	< 1.0	1	< 1.0
Acenaphthene	mg/kg	1	NONE	28	17	9.1	10	13
Fluorene	mg/kg	1	NONE	16	9.9	4.8	5.3	7.1
Phenanthrene	mg/kg	1	NONE	180	110	71	61	110
Anthracene	mg/kg	1	NONE	49	26	17	17	26
Fluoranthene	mg/kg	1	NONE	330	130	130	130	160
Pyrene	mg/kg	1	NONE	290	120	110	110	140
Benzo(a)anthracene	mg/kg	1	NONE	150	55	55	59	65
Chrysene	mg/kg	1	NONE	160	55	53	53	64
Benzo(b)fluoranthene	mg/kg	1	NONE	170	58	70	65	74
Benzo(k)fluoranthene	mg/kg	1	NONE	77	24	18	29	30
Benzo(a)pyrene	mg/kg	1	NONE	130	46	48	50	56
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	78	25	24	30	35
Dibenz(a,h)anthracene	mg/kg	1	NONE	21	7.7	6	8.3	9.1
Benzo(ghi)perylene	mg/kg	1	NONE	88	30	28	36	37

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	1770	713	640	664	835

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	55	74	44	55	70
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	20	33	23	28	26
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	20	33	23	28	26
Copper (aqua regia extractable)	mg/kg	1	MCERTS	160	270	160	210	290
Lead (aqua regia extractable)	mg/kg	1	MCERTS	680	590	590	560	650
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.7	1	1	1	1
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	30	42	28	32	39
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	400	460	390	440	470

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Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698611	2698612	2698613	2698614	2698615
Sample Reference				TP128	TP129	TP130	TP131	TP132
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				24/05/2023	24/05/2023	24/05/2023	24/05/2023	24/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	-	-	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	-	-	-	-	-
Toluene	mg/kg	0.005	NONE	-	-	-	-	-
Ethylbenzene	mg/kg	0.005	NONE	-	-	-	-	-
p & m-xylene	mg/kg	0.005	NONE	-	-	-	-	-
o-xylene	mg/kg	0.005	NONE	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-	-	-	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	-	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-

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

This certificate should not be reproduced, except in full, without the express permission of the laboratory.
The results included within the report relate only to the sample(s) submitted for testing.

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698616	2698617	2698618	2698619	2698620
Sample Reference				TP133	TP134	TP135	TP136	TP137
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				24/05/2023	24/05/2023	24/05/2023	24/05/2023	24/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	11	11	15	20	12
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	-	-	Not-detected	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	N/A	KWB	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.5	6.6	5.9	5.8	6.4
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	8.8	20	9.5	15	10
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0044	0.0098	0.0047	0.0077	0.0051
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	4.4	9.8	4.7	7.7	5.1
Organic Matter	%	0.1	MCERTS	-	18	16	20	15
Organic Matter (automated)	%	0.1	MCERTS	12	-	-	-	-

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	< 1.0	4	< 1.0	4.8	14
Acenaphthylene	mg/kg	1	NONE	< 1.0	< 1.0	1.4	1.6	2.4
Acenaphthene	mg/kg	1	NONE	23	70	10	36	73
Fluorene	mg/kg	1	NONE	11	44	6.5	21	46
Phenanthrene	mg/kg	1	NONE	140	550	90	260	510
Anthracene	mg/kg	1	NONE	34	150	23	62	140
Fluoranthene	mg/kg	1	NONE	230	740	160	450	640
Pyrene	mg/kg	1	NONE	200	650	160	420	570
Benzo(a)anthracene	mg/kg	1	NONE	82	320	62	180	250
Chrysene	mg/kg	1	NONE	81	290	68	190	240
Benzo(b)fluoranthene	mg/kg	1	NONE	93	310	77	220	280
Benzo(k)fluoranthene	mg/kg	1	NONE	40	140	28	86	110
Benzo(a)pyrene	mg/kg	1	NONE	71	270	59	180	230
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	43	130	35	94	120
Dibenz(a,h)anthracene	mg/kg	1	NONE	10	36	9.5	27	32
Benzo(ghi)perylene	mg/kg	1	NONE	49	160	43	120	150

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	1100	3860	832	2330	3400

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	55	91	62	47	53
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	2.4	< 0.2	2.7	< 0.2	2.5
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	33	27	20	29	30
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	33	27	20	29	30
Copper (aqua regia extractable)	mg/kg	1	MCERTS	250	290	180	130	240
Lead (aqua regia extractable)	mg/kg	1	MCERTS	960	570	410	280	640
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.7	1.3	0.8	0.7	2.5
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	55	53	29	24	34
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	560	330	320	200	350

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The results included within the report relate only to the sample(s) submitted for testing.

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698616	2698617	2698618	2698619	2698620
Sample Reference				TP133	TP134	TP135	TP136	TP137
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				24/05/2023	24/05/2023	24/05/2023	24/05/2023	24/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	-	-	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	-	-	-	-	-
Toluene	mg/kg	0.005	NONE	-	-	-	-	-
Ethylbenzene	mg/kg	0.005	NONE	-	-	-	-	-
p & m-xylene	mg/kg	0.005	NONE	-	-	-	-	-
o-xylene	mg/kg	0.005	NONE	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-	-	-	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	-	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-

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

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698621	2698622	2698623	2698624	2698625
Sample Reference				TP138	TP139	TP140	TP141	TP142
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				24/05/2023	24/05/2023	24/05/2023	24/05/2023	24/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	15	20	15	12	22
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	-	-	-	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	N/A	N/A	KWB

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.1	6.4	6	6.1	6.8
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	9.7	11	9.3	38	13
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0049	0.0056	0.0047	0.019	0.0064
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	4.9	5.6	4.7	19.1	6.4
Organic Matter	%	0.1	MCERTS	16	19	17	19	22
Organic Matter (automated)	%	0.1	MCERTS	-	-	-	-	-

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	11	7	8	5.9	7.6
Acenaphthylene	mg/kg	1	NONE	4.7	< 1.0	< 1.0	2	< 1.0
Acenaphthene	mg/kg	1	NONE	66	26	36	65	85
Fluorene	mg/kg	1	NONE	45	18	22	36	50
Phenanthrene	mg/kg	1	NONE	500	190	260	390	620
Anthracene	mg/kg	1	NONE	120	52	61	82	150
Fluoranthene	mg/kg	1	NONE	630	230	350	540	900
Pyrene	mg/kg	1	NONE	570	210	320	490	810
Benzo(a)anthracene	mg/kg	1	NONE	260	84	150	230	400
Chrysene	mg/kg	1	NONE	240	90	150	230	390
Benzo(b)fluoranthene	mg/kg	1	NONE	280	92	160	250	430
Benzo(k)fluoranthene	mg/kg	1	NONE	92	36	71	66	150
Benzo(a)pyrene	mg/kg	1	NONE	220	73	140	180	330
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	120	41	76	85	150
Dibenz(a,h)anthracene	mg/kg	1	NONE	28	9.9	22	21	43
Benzo(ghi)perylene	mg/kg	1	NONE	140	49	89	97	190

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	3330	1210	1900	2760	4710

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	56	63	62	88	42
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	3.5	< 0.2	< 0.2	< 0.2	2.3
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	42	19	26	37	19
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	42	19	26	37	19
Copper (aqua regia extractable)	mg/kg	1	MCERTS	220	190	180	360	170
Lead (aqua regia extractable)	mg/kg	1	MCERTS	500	410	440	550	420
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	3	0.8	0.8	0.9	1.4
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	36	32	38	44	22
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	450	260	260	240	360

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698621	2698622	2698623	2698624	2698625
Sample Reference				TP138	TP139	TP140	TP141	TP142
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				24/05/2023	24/05/2023	24/05/2023	24/05/2023	24/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	-	< 0.007	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	-	-	-	< 0.005	-
Toluene	mg/kg	0.005	NONE	-	-	-	< 0.005	-
Ethylbenzene	mg/kg	0.005	NONE	-	-	-	< 0.005	-
p & m-xylene	mg/kg	0.005	NONE	-	-	-	< 0.005	-
o-xylene	mg/kg	0.005	NONE	-	-	-	< 0.005##	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-	-	-	< 0.005	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	< 0.001	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	< 0.001	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	< 0.001	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	-	< 1.0	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	-	3.1	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	< 8.0	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	39	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	39	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	< 10	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	-	47	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	< 0.001	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	< 0.001	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	< 0.001	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	-	1.5	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	-	22	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	240	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	500	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	46	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	-	760	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	860	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	-	< 1.0	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	27	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	830	-

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

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698626	2698627	2698628	2698629	2698630
Sample Reference				TP143	TP144	TP145	TP146	TP147
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				24/05/2023	24/05/2023	24/05/2023	24/05/2023	24/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	13	11	10	15	18
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	-	-	-	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	N/A	N/A	KWB

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.3	6.5	7.9	6.2	6.6
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	6.5	8.9	9.2	11	15
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0032	0.0044	0.0046	0.0053	0.0077
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	3.2	4.4	4.6	5.3	7.7
Organic Matter	%	0.1	MCERTS	19	12	-	20	16
Organic Matter (automated)	%	0.1	MCERTS	-	11	9.5	-	-

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	3.2	< 1.0	1.8	< 1.0	2.2
Acenaphthylene	mg/kg	1	NONE	2.3	< 1.0	1.1	< 1.0	1.1
Acenaphthene	mg/kg	1	NONE	22	3.8	10	6.2	13
Fluorene	mg/kg	1	NONE	13	2.3	6	3.6	7.5
Phenanthrene	mg/kg	1	NONE	210	33	52	48	85
Anthracene	mg/kg	1	NONE	55	7.9	16	12	21
Fluoranthene	mg/kg	1	NONE	560	61	76	91	140
Pyrene	mg/kg	1	NONE	500	55	65	79	120
Benzo(a)anthracene	mg/kg	1	NONE	270	27	31	41	58
Chrysene	mg/kg	1	NONE	240	29	33	43	60
Benzo(b)fluoranthene	mg/kg	1	NONE	330	31	36	51	71
Benzo(k)fluoranthene	mg/kg	1	NONE	85	14	16	19	22
Benzo(a)pyrene	mg/kg	1	NONE	240	25	28	39	52
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	120	16	17	24	33
Dibenz(a,h)anthracene	mg/kg	1	NONE	29	4.2	5	6.6	9.4
Benzo(ghi)perylene	mg/kg	1	NONE	140	19	21	27	36

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	2820	329	415	491	727

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	53	30	45	76	57
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	2.3	1.3	2.1	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	28	17	54	25	28
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	28	17	55	25	28
Copper (aqua regia extractable)	mg/kg	1	MCERTS	200	110	180	800	260
Lead (aqua regia extractable)	mg/kg	1	MCERTS	400	350	460	1500	630
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1	0.4	0.8	1	1.4
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	31	19	26	52	42
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	370	270	340	650	420

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698626	2698627	2698628	2698629	2698630
Sample Reference				TP143	TP144	TP145	TP146	TP147
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				24/05/2023	24/05/2023	24/05/2023	24/05/2023	24/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	-	-	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	-	-	-	-	-
Toluene	mg/kg	0.005	NONE	-	-	-	-	-
Ethylbenzene	mg/kg	0.005	NONE	-	-	-	-	-
p & m-xylene	mg/kg	0.005	NONE	-	-	-	-	-
o-xylene	mg/kg	0.005	NONE	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-	-	-	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	-	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-

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

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The results included within the report relate only to the sample(s) submitted for testing.

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698631	2698632	2698633	2698634	2698635
Sample Reference				TP148	TP149	TP150	TP151	TP152
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				24/05/2023	24/05/2023	24/05/2023	24/05/2023	25/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	10	14	12	12	18
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	-	-	-	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	N/A	N/A	KWB

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.3	6.4	6.4	6.3	6.6
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	8.6	8	8.9	15	15
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0043	0.004	0.0044	0.0077	0.0073
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	4.3	4	4.4	7.7	7.3
Organic Matter	%	0.1	MCERTS	-	14	14	14	22
Organic Matter (automated)	%	0.1	MCERTS	9.2	-	-	-	-

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	11	< 1.0	1.1	< 1.0	3.1
Acenaphthylene	mg/kg	1	NONE	< 1.0	< 1.0	1.2	1	1.4
Acenaphthene	mg/kg	1	NONE	56	3.4	3.5	5.7	22
Fluorene	mg/kg	1	NONE	31	1.8	2.2	2.9	11
Phenanthrene	mg/kg	1	NONE	330	31	30	39	130
Anthracene	mg/kg	1	NONE	85	7.8	7.9	11	33
Fluoranthene	mg/kg	1	NONE	420	64	78	93	230
Pyrene	mg/kg	1	NONE	340	56	72	83	190
Benzo(a)anthracene	mg/kg	1	NONE	180	30	39	45	110
Chrysene	mg/kg	1	NONE	170	28	38	46	97
Benzo(b)fluoranthene	mg/kg	1	NONE	200	36	53	51	100
Benzo(k)fluoranthene	mg/kg	1	NONE	57	10	15	21	47
Benzo(a)pyrene	mg/kg	1	NONE	140	26	36	43	89
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	82	16	25	28	50
Dibenz(a,h)anthracene	mg/kg	1	NONE	25	4.7	7.1	7.5	14
Benzo(ghi)perylene	mg/kg	1	NONE	92	19	29	33	60

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	2220	334	439	512	1190

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	57	58	33	28	36
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	2.5	7	4.4	11
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	27	76	83	83	100
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	28	76	83	83	100
Copper (aqua regia extractable)	mg/kg	1	MCERTS	250	190	160	120	160
Lead (aqua regia extractable)	mg/kg	1	MCERTS	630	500	460	390	620
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.4	1	1	0.7	1.7
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	41	31	29	21	26
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	420	440	670	480	1800

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The results included within the report relate only to the sample(s) submitted for testing.

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698631	2698632	2698633	2698634	2698635
Sample Reference				TP148	TP149	TP150	TP151	TP152
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				24/05/2023	24/05/2023	24/05/2023	24/05/2023	25/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	-	-	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	-	-	-	-	-
Toluene	mg/kg	0.005	NONE	-	-	-	-	-
Ethylbenzene	mg/kg	0.005	NONE	-	-	-	-	-
p & m-xylene	mg/kg	0.005	NONE	-	-	-	-	-
o-xylene	mg/kg	0.005	NONE	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-	-	-	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	-	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-

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

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698636	2698637	2698638	2698639	2698640
Sample Reference				TP153	TP154	TP155	TP156	TP157
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				25/05/2023	25/05/2023	25/05/2023	25/05/2023	25/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	12	16	11	11	14
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	Not-detected	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	KWB	N/A	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.5	6.7	5.9	7.1	6
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	12	9.2	15	8.8	9.5
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.006	0.0046	0.0076	0.0044	0.0047
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	6	4.6	7.6	4.4	4.7
Organic Matter	%	0.1	MCERTS	13	14	21	-	16
Organic Matter (automated)	%	0.1	MCERTS	-	-	-	11	-

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	1.3
Acenaphthylene	mg/kg	1	NONE	1	1.3	< 1.0	1.2	< 1.0
Acenaphthene	mg/kg	1	NONE	5.9	2.6	3.4	4.2	4.7
Fluorene	mg/kg	1	NONE	3.2	1.5	1.7	2.1	2.8
Phenanthrene	mg/kg	1	NONE	48	23	25	31	34
Anthracene	mg/kg	1	NONE	13	6.1	6.3	8.7	8.8
Fluoranthene	mg/kg	1	NONE	120	63	58	85	64
Pyrene	mg/kg	1	NONE	100	57	52	73	56
Benzo(a)anthracene	mg/kg	1	NONE	54	33	29	41	31
Chrysene	mg/kg	1	NONE	56	35	30	42	32
Benzo(b)fluoranthene	mg/kg	1	NONE	57	39	34	50	33
Benzo(k)fluoranthene	mg/kg	1	NONE	25	18	14	21	13
Benzo(a)pyrene	mg/kg	1	NONE	49	34	29	43	28
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	31	22	19	30	17
Dibenz(a,h)anthracene	mg/kg	1	NONE	7.9	5.4	4.6	7.7	4.3
Benzo(ghi)perylene	mg/kg	1	NONE	37	26	22	39	21

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	607	366	329	478	352

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	23	54	45	26	32
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	14	4.6	4.4	12	1.5
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	62	99	88	99	9.9
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	62	99	88	99	10
Copper (aqua regia extractable)	mg/kg	1	MCERTS	150	180	210	130	110
Lead (aqua regia extractable)	mg/kg	1	MCERTS	590	710	610	350	360
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.1	1	0.8	0.6	1
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	15	31	28	26	15
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	1100	570	650	980	210

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Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698636	2698637	2698638	2698639	2698640
Sample Reference				TP153	TP154	TP155	TP156	TP157
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				25/05/2023	25/05/2023	25/05/2023	25/05/2023	25/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	-	< 0.007	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	-	-	-	< 0.005	-
Toluene	mg/kg	0.005	NONE	-	-	-	< 0.005	-
Ethylbenzene	mg/kg	0.005	NONE	-	-	-	< 0.005	-
p & m-xylene	mg/kg	0.005	NONE	-	-	-	< 0.005	-
o-xylene	mg/kg	0.005	NONE	-	-	-	< 0.005##	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-	-	-	< 0.005	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	< 0.001	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	< 0.001	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	< 0.001	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	-	< 1.0	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	-	5.1	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	17	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	100	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	120	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	37	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	-	120	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	< 0.001	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	< 0.001	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	< 0.001	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	-	< 1.0	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	-	6.4	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	94	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	400	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	80	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	-	500	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	740	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	-	< 1.0	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	12	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	730	-

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

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698641	2698642	2698643	2698644	2698645
Sample Reference				TP158	TP159	TP160	TP161	TP162
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				25/05/2023	25/05/2023	25/05/2023	25/05/2023	25/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	16	16	16	12	8.4
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	KWB	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.2	6.1	7.4	6.8	7.6
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	7.3	10	12	6.9	7.6
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0037	0.0052	0.006	0.0034	0.0038
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	3.7	5.2	6	3.4	3.8
Organic Matter	%	0.1	MCERTS	17	19	21	16	-
Organic Matter (automated)	%	0.1	MCERTS	-	-	-	-	10

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	< 1.0	2.4	2.2	3.6	5.6
Acenaphthylene	mg/kg	1	NONE	< 1.0	1.2	1.4	3.9	1.9
Acenaphthene	mg/kg	1	NONE	1.8	9.3	17	22	44
Fluorene	mg/kg	1	NONE	< 1.0	5.6	8.9	13	24
Phenanthrene	mg/kg	1	NONE	15	74	130	190	350
Anthracene	mg/kg	1	NONE	3.8	18	35	51	92
Fluoranthene	mg/kg	1	NONE	39	130	230	300	540
Pyrene	mg/kg	1	NONE	36	120	210	280	510
Benzo(a)anthracene	mg/kg	1	NONE	21	59	100	140	240
Chrysene	mg/kg	1	NONE	21	62	110	150	260
Benzo(b)fluoranthene	mg/kg	1	NONE	23	63	100	140	230
Benzo(k)fluoranthene	mg/kg	1	NONE	10	24	48	49	100
Benzo(a)pyrene	mg/kg	1	NONE	20	55	83	100	210
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	12	33	42	51	120
Dibenz(a,h)anthracene	mg/kg	1	NONE	3.1	9	12	15	32
Benzo(ghi)perylene	mg/kg	1	NONE	15	41	47	62	150

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	221	709	1180	1570	2910

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	45	29	40	39	44
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	1.6	2.6	1.9	3.5
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	19	21	25	22	32
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	19	21	25	22	32
Copper (aqua regia extractable)	mg/kg	1	MCERTS	150	160	180	170	390
Lead (aqua regia extractable)	mg/kg	1	MCERTS	520	440	500	560	580
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.1	0.9	2.7	1.5	2
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	24	20	26	22	31
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	350	310	380	380	530

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Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698641	2698642	2698643	2698644	2698645
Sample Reference				TP158	TP159	TP160	TP161	TP162
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				25/05/2023	25/05/2023	25/05/2023	25/05/2023	25/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	-	-	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	-	-	-	-	-
Toluene	mg/kg	0.005	NONE	-	-	-	-	-
Ethylbenzene	mg/kg	0.005	NONE	-	-	-	-	-
p & m-xylene	mg/kg	0.005	NONE	-	-	-	-	-
o-xylene	mg/kg	0.005	NONE	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-	-	-	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	-	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-

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

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Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698646	2698647	2698648	2698649	2698650
Sample Reference				TP163	TP164	TP165	TP166	TP167
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				25/05/2023	25/05/2023	25/05/2023	25/05/2023	25/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	11	11	12	12	6.7
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	KWB	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	5.8	6.4	5.7	6.1	6.2
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	12	17	15	7	10
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0062	0.0085	0.0074	0.0035	0.0051
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	6.2	8.5	7.4	3.5	5.1
Organic Matter	%	0.1	MCERTS	21	20	21	19	14
Organic Matter (automated)	%	0.1	MCERTS	-	-	-	-	-

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	3.9	15	6.5	7.9	1.6
Acenaphthylene	mg/kg	1	NONE	1.5	5.1	2.3	4.8	1
Acenaphthene	mg/kg	1	NONE	42	130	53	67	13
Fluorene	mg/kg	1	NONE	22	68	28	38	7.4
Phenanthrene	mg/kg	1	NONE	280	910	430	550	110
Anthracene	mg/kg	1	NONE	69	230	110	140	26
Fluoranthene	mg/kg	1	NONE	380	1300$	650	1100	190
Pyrene	mg/kg	1	NONE	360	1300$	600	990	170
Benzo(a)anthracene	mg/kg	1	NONE	170	600	280	500	79
Chrysene	mg/kg	1	NONE	190	630	300	490	84
Benzo(b)fluoranthene	mg/kg	1	NONE	160	570	290	480	84
Benzo(k)fluoranthene	mg/kg	1	NONE	78	240	130	240	32
Benzo(a)pyrene	mg/kg	1	NONE	150	480	250	470	72
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	86	220	140	300	44
Dibenz(a,h)anthracene	mg/kg	1	NONE	23	65	38	78	12
Benzo(ghi)perylene	mg/kg	1	NONE	100	240	170	360	56

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	2120	7000	3490	5810	987

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	46	51	85	87	99
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	1.9	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	21	23	28	28	100
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	21	23	28	28	100
Copper (aqua regia extractable)	mg/kg	1	MCERTS	170	170	240	250	370
Lead (aqua regia extractable)	mg/kg	1	MCERTS	490	440	640	580	710
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.9	0.7	1.3	1.4	1.5
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	24	30	45	37	43
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	310	270	230	300	290

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Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698646	2698647	2698648	2698649	2698650
Sample Reference				TP163	TP164	TP165	TP166	TP167
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				25/05/2023	25/05/2023	25/05/2023	25/05/2023	25/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	-	-	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	-	-	-	-	-
Toluene	mg/kg	0.005	NONE	-	-	-	-	-
Ethylbenzene	mg/kg	0.005	NONE	-	-	-	-	-
p & m-xylene	mg/kg	0.005	NONE	-	-	-	-	-
o-xylene	mg/kg	0.005	NONE	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-	-	-	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	-	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-

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

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Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698651	2698652	2698653	2698654	2698655
Sample Reference				TP168	TP169	TP170	TP171	TP172
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				25/05/2023	25/05/2023	25/05/2023	25/05/2023	25/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	10	10	5.8	8.8	7.2
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	-	Not-detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	KWB	N/A	KWB	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6	6.5	6.8	6.9	6.2
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	9.7	9.6	5.9	11	11
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0048	0.0048	0.003	0.0057	0.0054
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	4.8	4.8	3	5.7	5.4
Organic Matter	%	0.1	MCERTS	16	20	14	19	19
Organic Matter (automated)	%	0.1	MCERTS	-	-	-	-	-

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	2.7	7	4.8	5.5	7.1
Acenaphthylene	mg/kg	1	NONE	< 1.0	5.1	2.6	1.7	3.9
Acenaphthene	mg/kg	1	NONE	19	56	48	30	76
Fluorene	mg/kg	1	NONE	10	29	25	17	40
Phenanthrene	mg/kg	1	NONE	130	440	380	220	590
Anthracene	mg/kg	1	NONE	30	120	91	52	140
Fluoranthene	mg/kg	1	NONE	200	990	660	370	980
Pyrene	mg/kg	1	NONE	190	900	600	340	900
Benzo(a)anthracene	mg/kg	1	NONE	88	460	290	170	450
Chrysene	mg/kg	1	NONE	82	440	270	150	450
Benzo(b)fluoranthene	mg/kg	1	NONE	81	480	260	150	480
Benzo(k)fluoranthene	mg/kg	1	NONE	38	170	130	74	150
Benzo(a)pyrene	mg/kg	1	NONE	73	410	240	140	390
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	46	240	150	81	230
Dibenz(a,h)anthracene	mg/kg	1	NONE	12	73	38	25	67
Benzo(ghi)perylene	mg/kg	1	NONE	56	300	180	99	270

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	1070	5110	3360	1930	5210

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	39	47	40	49	50
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	1.7	2.1	< 0.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	21	21	47	23	26
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	21	22	48	23	26
Copper (aqua regia extractable)	mg/kg	1	MCERTS	180	170	240	250	240
Lead (aqua regia extractable)	mg/kg	1	MCERTS	360	400	410	470	520
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.9	1	0.8	1.2	1
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	25	27	35	28	28
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	210	260	280	240	240

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698651	2698652	2698653	2698654	2698655
Sample Reference				TP168	TP169	TP170	TP171	TP172
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				25/05/2023	25/05/2023	25/05/2023	25/05/2023	25/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	-	-	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	-	-	-	-	-
Toluene	mg/kg	0.005	NONE	-	-	-	-	-
Ethylbenzene	mg/kg	0.005	NONE	-	-	-	-	-
p & m-xylene	mg/kg	0.005	NONE	-	-	-	-	-
o-xylene	mg/kg	0.005	NONE	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-	-	-	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	-	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-

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

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The results included within the report relate only to the sample(s) submitted for testing.

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698656	2698657	2698658	2698659	2698660
Sample Reference				TP173	TP174	TP175	TP176	TP178
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				25/05/2023	25/05/2023	25/05/2023	25/05/2023	25/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	8.4	11	11	9.1	9.4
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	KWB	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.4	6.3	6.2	6.7	7.2
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	15	15	11	8.3	7.6
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0073	0.0077	0.0053	0.0042	0.0038
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	7.3	7.7	5.3	4.2	3.8
Organic Matter	%	0.1	MCERTS	15	17	14	16	15
Organic Matter (automated)	%	0.1	MCERTS	-	-	-	-	-

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	2.5	3.7	4.3	2.6	1.6
Acenaphthylene	mg/kg	1	NONE	< 1.0	< 1.0	1.8	2	3
Acenaphthene	mg/kg	1	NONE	18	28	24	26	9.1
Fluorene	mg/kg	1	NONE	10	17	15	14	6.1
Phenanthrene	mg/kg	1	NONE	130	200	190	200	81
Anthracene	mg/kg	1	NONE	32	50	46	46	21
Fluoranthene	mg/kg	1	NONE	190	270	290	370	210
Pyrene	mg/kg	1	NONE	170	250	260	330	200
Benzo(a)anthracene	mg/kg	1	NONE	95	150	140	170	100
Chrysene	mg/kg	1	NONE	87	140	120	160	95
Benzo(b)fluoranthene	mg/kg	1	NONE	110	180	140	160	110
Benzo(k)fluoranthene	mg/kg	1	NONE	33	58	48	76	46
Benzo(a)pyrene	mg/kg	1	NONE	87	140	120	140	96
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	39	71	69	88	63
Dibenz(a,h)anthracene	mg/kg	1	NONE	11	22	20	26	16
Benzo(ghi)perylene	mg/kg	1	NONE	45	82	82	110	72

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	1060	1660	1560	1920	1130

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	51	34	46	56	28
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	1.7	< 0.2	3.3	1.7
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	24	20	29	30	28
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	25	20	29	30	28
Copper (aqua regia extractable)	mg/kg	1	MCERTS	190	150	260	260	130
Lead (aqua regia extractable)	mg/kg	1	MCERTS	380	510	630	880	370
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.2	1.8	3.6	1.6	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	24	20	27	32	19
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	270	300	320	620	260

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Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698656	2698657	2698658	2698659	2698660
Sample Reference				TP173	TP174	TP175	TP176	TP178
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				25/05/2023	25/05/2023	25/05/2023	25/05/2023	25/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	< 0.007	-	-	-	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	< 0.005	-	-	-	-
Toluene	mg/kg	0.005	NONE	< 0.005	-	-	-	-
Ethylbenzene	mg/kg	0.005	NONE	< 0.005	-	-	-	-
p & m-xylene	mg/kg	0.005	NONE	< 0.005	-	-	-	-
o-xylene	mg/kg	0.005	NONE	< 0.005##	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	< 0.005	-	-	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	< 0.001	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	< 0.001	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	< 0.001	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	< 1.0	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	< 2.0	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	< 8.0	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	< 8.0	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	< 10	-	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	< 10	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	10	-	-	-	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	< 0.001	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	< 0.001	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	< 0.001	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	< 1.0	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	24	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	250	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	490	-	-	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	46	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	770	-	-	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	830	-	-	-	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	< 1.0	-	-	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	25	-	-	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	800	-	-	-	-

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

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Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698661	2698662	2698663	2698664	2698665
Sample Reference				TP179	TP180	TP181	TP182	TP183
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				25/05/2023	30/05/2023	30/05/2023	30/05/2023	30/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	10	12	13	9.6	12
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	KWB	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	5.7	6.2	6.2	6	6.5
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	8.6	7.4	11	15	8.1
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0043	0.0037	0.0053	0.0076	0.0041
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	4.3	3.7	5.3	7.6	4.1
Organic Matter	%	0.1	MCERTS	16	18	19	24	17
Organic Matter (automated)	%	0.1	MCERTS	-	-	-	-	-

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	1.3	1.6	1.5	1.8	< 1.0
Acenaphthylene	mg/kg	1	NONE	1.1	1.1	1.3	< 1.0	< 1.0
Acenaphthene	mg/kg	1	NONE	6.7	7.9	9.3	8.5	2.3
Fluorene	mg/kg	1	NONE	3.7	4.7	5.3	5.2	1.2
Phenanthrene	mg/kg	1	NONE	61	71	87	82	17
Anthracene	mg/kg	1	NONE	17	19	21	18	4.7
Fluoranthene	mg/kg	1	NONE	150	170	190	150	44
Pyrene	mg/kg	1	NONE	140	150	170	130	40
Benzo(a)anthracene	mg/kg	1	NONE	76	86	95	70	23
Chrysene	mg/kg	1	NONE	76	88	97	72	21
Benzo(b)fluoranthene	mg/kg	1	NONE	80	100	110	88	30
Benzo(k)fluoranthene	mg/kg	1	NONE	36	44	47	29	10
Benzo(a)pyrene	mg/kg	1	NONE	70	82	91	64	22
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	45	50	54	39	11
Dibenz(a,h)anthracene	mg/kg	1	NONE	12	14	16	11	2.6
Benzo(ghi)perylene	mg/kg	1	NONE	52	57	61	44	13

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	831	949	1070	820	242

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	42	31	47	65	56
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	1.8	1.6	2.9	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	24	21	84	110	58
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	25	21	84	110	59
Copper (aqua regia extractable)	mg/kg	1	MCERTS	220	170	210	200	250
Lead (aqua regia extractable)	mg/kg	1	MCERTS	470	440	530	590	570
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.7	1.1	1.5	0.9	1.4
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	31	22	28	36	42
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	350	350	420	400	570

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Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698661	2698662	2698663	2698664	2698665
Sample Reference				TP179	TP180	TP181	TP182	TP183
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				25/05/2023	30/05/2023	30/05/2023	30/05/2023	30/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	< 0.007	-	-	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	-	< 0.005	-	-	-
Toluene	mg/kg	0.005	NONE	-	< 0.005##	-	-	-
Ethylbenzene	mg/kg	0.005	NONE	-	< 0.005	-	-	-
p & m-xylene	mg/kg	0.005	NONE	-	< 0.005	-	-	-
o-xylene	mg/kg	0.005	NONE	-	< 0.005	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-	< 0.005	-	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 HS_1D_AL	mg/kg	0.001	NONE	-	< 0.001	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8 HS_1D_AL	mg/kg	0.001	NONE	-	< 0.001	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10 HS_1D_AL	mg/kg	0.001	NONE	-	< 0.001	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_1D_AL	mg/kg	1	NONE	-	< 1.0	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_1D_AL	mg/kg	2	NONE	-	7	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_1D_AL	mg/kg	8	NONE	-	18	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_1D_AL	mg/kg	8	NONE	-	73	-	-	-
TPH-CWG - Aliphatic >EC16 - EC35 EH_CU_1D_AL	mg/kg	10	NONE	-	91	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40 EH_CU_1D_AL	mg/kg	10	NONE	-	14	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_1D_AL	mg/kg	10	NONE	-	98	-	-	-
TPH-CWG - Aromatic >EC5 - EC7 HS_1D_AR	mg/kg	0.001	NONE	-	< 0.001	-	-	-
TPH-CWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.001	NONE	-	< 0.001	-	-	-
TPH-CWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.001	NONE	-	< 0.001	-	-	-
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	NONE	-	< 1.0	-	-	-
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_1D_AR	mg/kg	2	NONE	-	19	-	-	-
TPH-CWG - Aromatic >EC16 - EC21 EH_CU_1D_AR	mg/kg	10	NONE	-	280	-	-	-
TPH-CWG - Aromatic >EC21 - EC35 EH_CU_1D_AR	mg/kg	10	NONE	-	810	-	-	-
TPH-CWG - Aromatic >EC35 - EC40 EH_CU_1D_AR	mg/kg	10	NONE	-	94	-	-	-
TPH-CWG - Aromatic (EC5 - EC35) EH_CU+HS_1D_AR	mg/kg	10	NONE	-	1100	-	-	-
TPH Total C5 - C40 EH_CU+HS_1D_TOTAL	mg/kg	10	NONE	-	1300	-	-	-
TPH (C5 - C10) HS_1D_TOTAL	mg/kg	1	NONE	-	< 1.0	-	-	-
TPH (C10 - C16) EH_CU_1D_TOTAL	mg/kg	10	NONE	-	26	-	-	-
TPH (C16 - C40) EH_CU_1D_TOTAL	mg/kg	10	NONE	-	1300	-	-	-

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

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The results included within the report relate only to the sample(s) submitted for testing.

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698666	2698667	2698668	2698669	2698670
Sample Reference				TP184	TP185	TP186	TP187	TP188
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				30/05/2023	30/05/2023	30/05/2023	30/05/2023	30/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	17	10	7	5.9	7.5
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	KWB	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.1	6.7	5.7	6	5.9
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	10	9.5	10	29	9.3
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0051	0.0047	0.0051	0.014	0.0046
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	5.1	4.7	5.1	14.4	4.6
Organic Matter	%	0.1	MCERTS	18	19	16	14	14
Organic Matter (automated)	%	0.1	MCERTS	-	-	-	-	-

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	< 1.0	1.2	3.2	< 1.0	1.9
Acenaphthylene	mg/kg	1	NONE	1.1	1.4	1.1	< 1.0	1.2
Acenaphthene	mg/kg	1	NONE	7.5	7	36	6.7	13
Fluorene	mg/kg	1	NONE	3.5	4.5	18	3.2	6.8
Phenanthrene	mg/kg	1	NONE	51	59	240	52	120
Anthracene	mg/kg	1	NONE	13	15	62	13	33
Fluoranthene	mg/kg	1	NONE	110	110	430	110	270
Pyrene	mg/kg	1	NONE	93	99	380	93	250
Benzo(a)anthracene	mg/kg	1	NONE	50	52	190	48	130
Chrysene	mg/kg	1	NONE	47	49	150	39	140
Benzo(b)fluoranthene	mg/kg	1	NONE	55	55	210	55	130
Benzo(k)fluoranthene	mg/kg	1	NONE	23	25	65	18	61
Benzo(a)pyrene	mg/kg	1	NONE	46	48	150	40	100
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	30	30	79	20	60
Dibenz(a,h)anthracene	mg/kg	1	NONE	8.5	8.5	23	5.7	16
Benzo(ghi)perylene	mg/kg	1	NONE	35	36	88	22	67

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	571	596	2130	522	1400

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	50	50	53	160	54
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	3.5	12	3.9	< 0.2	3.7
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	61	180	190	52	170
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	61	180	190	52	170
Copper (aqua regia extractable)	mg/kg	1	MCERTS	200	280	240	610	490
Lead (aqua regia extractable)	mg/kg	1	MCERTS	620	750	7600	1300	770
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.3	1.7	1.3	< 0.3	1.4
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	35	38	34	110	87
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	660	1300	550	940	640

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The results included within the report relate only to the sample(s) submitted for testing.

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698666	2698667	2698668	2698669	2698670
Sample Reference				TP184	TP185	TP186	TP187	TP188
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				30/05/2023	30/05/2023	30/05/2023	30/05/2023	30/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	< 0.007	-	-	< 0.007	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	< 0.005	-	-	< 0.005	-
Toluene	mg/kg	0.005	NONE	< 0.005##	-	-	< 0.005##	-
Ethylbenzene	mg/kg	0.005	NONE	< 0.005	-	-	< 0.005	-
p & m-xylene	mg/kg	0.005	NONE	< 0.005	-	-	< 0.005	-
o-xylene	mg/kg	0.005	NONE	< 0.005	-	-	< 0.005	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	< 0.005	-	-	< 0.005	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	< 0.001	-	-	< 0.001	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	< 0.001	-	-	< 0.001	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	< 0.001	-	-	< 0.001	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	< 1.0	-	-	< 1.0	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	4.9	-	-	2.7	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	12	-	-	< 8.0	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	63	-	-	23	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	75	-	-	23	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	15	-	-	< 10	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	80	-	-	32	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	< 0.001	-	-	< 0.001	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	< 0.001	-	-	< 0.001	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	< 0.001	-	-	< 0.001	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	< 1.0	-	-	< 1.0	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	8.3	-	-	13	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	130	-	-	120	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	420	-	-	290	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	60	-	-	30	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	560	-	-	410	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	710	-	-	480	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	< 1.0	-	-	< 1.0	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	13	-	-	15	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	700	-	-	460	-

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

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The results included within the report relate only to the sample(s) submitted for testing.

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698671	2698672	2698673	2698674	2698675
Sample Reference				TP189	TP190	TP191	TP192	TP193
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				30/05/2023	30/05/2023	30/05/2023	30/05/2023	30/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	15	12	9.8	12	8.8
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	-	-	Not-detected	-
Asbestos Analyst ID	N/A	N/A	N/A	KWB	N/A	N/A	KWB	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	5.4	6.3	6.6	7.2	6.3
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	13	7.2	5.5	5.9	6.7
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0065	0.0036	0.0027	0.0029	0.0033
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	6.5	3.6	2.7	2.9	3.3
Organic Matter	%	0.1	MCERTS	17	16	13	18	15
Organic Matter (automated)	%	0.1	MCERTS	-	-	-	-	-

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	< 1.0	3.9	< 1.0	1.3	1.9
Acenaphthylene	mg/kg	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	1.1
Acenaphthene	mg/kg	1	NONE	13	19	5.1	13	18
Fluorene	mg/kg	1	NONE	5.9	10	2.6	6.9	8.8
Phenanthrene	mg/kg	1	NONE	97	160	46	110	130
Anthracene	mg/kg	1	NONE	23	40	12	29	39
Fluoranthene	mg/kg	1	NONE	220	360	140	240	310
Pyrene	mg/kg	1	NONE	200	340	140	230	290
Benzo(a)anthracene	mg/kg	1	NONE	97	160	69	110	140
Chrysene	mg/kg	1	NONE	86	150	64	98	130
Benzo(b)fluoranthene	mg/kg	1	NONE	120	210	96	120	180
Benzo(k)fluoranthene	mg/kg	1	NONE	38	61	33	51	48
Benzo(a)pyrene	mg/kg	1	NONE	91	150	75	100	130
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	44	78	36	49	67
Dibenz(a,h)anthracene	mg/kg	1	NONE	13	20	11	13	20
Benzo(ghi)perylene	mg/kg	1	NONE	47	83	39	53	74

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	1100	1850	766	1230	1590

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	52	41	41	35	43
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	2.3	3.7	2.3	2.2	2.8
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	68	33	32	24	36
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	68	33	32	24	36
Copper (aqua regia extractable)	mg/kg	1	MCERTS	230	210	190	200	260
Lead (aqua regia extractable)	mg/kg	1	MCERTS	690	580	440	520	510
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.2	1.1	0.8	1.4	2
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	34	32	34	28	33
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	500	490	440	410	450

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698671	2698672	2698673	2698674	2698675
Sample Reference				TP189	TP190	TP191	TP192	TP193
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				30/05/2023	30/05/2023	30/05/2023	30/05/2023	30/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	-	-	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	-	-	-	-	-
Toluene	mg/kg	0.005	NONE	-	-	-	-	-
Ethylbenzene	mg/kg	0.005	NONE	-	-	-	-	-
p & m-xylene	mg/kg	0.005	NONE	-	-	-	-	-
o-xylene	mg/kg	0.005	NONE	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-	-	-	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	-	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-

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

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Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698676	2698677	2698678	2698679	2698680
Sample Reference				TP194	TP195	TP196	TP197	TP198
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				30/05/2023	30/05/2023	30/05/2023	30/05/2023	30/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	6.6	6.7	7.2	6.1	5.3
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.3	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	-	Not-detected	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	KWB	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	5.3	5.4	5.3	5.7	5.9
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	9.2	13	12	7.7	12
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0046	0.0066	0.0058	0.0038	0.006
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	4.6	6.6	5.8	3.8	6
Organic Matter	%	0.1	MCERTS	15	19	15	-	14
Organic Matter (automated)	%	0.1	MCERTS	-	-	-	10	-

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	< 1.0	3.2	< 1.0	3.4	6.2
Acenaphthylene	mg/kg	1	NONE	1.1	< 1.0	< 1.0	< 1.0	< 1.0
Acenaphthene	mg/kg	1	NONE	16	24	9.7	30	45
Fluorene	mg/kg	1	NONE	9.5	15	4.9	18	27
Phenanthrene	mg/kg	1	NONE	160	190	62	250	300
Anthracene	mg/kg	1	NONE	42	43	17	59	78
Fluoranthene	mg/kg	1	NONE	270	310	100	360	410
Pyrene	mg/kg	1	NONE	250	300	92	330	380
Benzo(a)anthracene	mg/kg	1	NONE	110	130	45	130	160
Chrysene	mg/kg	1	NONE	130	130	41	120	140
Benzo(b)fluoranthene	mg/kg	1	NONE	120	170	55	140	170
Benzo(k)fluoranthene	mg/kg	1	NONE	45	46	15	54	54
Benzo(a)pyrene	mg/kg	1	NONE	94	120	39	120	130
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	44	63	20	56	64
Dibenz(a,h)anthracene	mg/kg	1	NONE	12	17	5.7	16	16
Benzo(ghi)perylene	mg/kg	1	NONE	50	70	21	61	70

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	1350	1630	530	1740	2060

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	94	65	66	57	71
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	2.9	3.3	3.3	< 0.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	40	52	40	240	27
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	41	52	40	240	27
Copper (aqua regia extractable)	mg/kg	1	MCERTS	300	260	400	220	260
Lead (aqua regia extractable)	mg/kg	1	MCERTS	1200	900	560	1100	590
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	3.4	2.2	1.4	2.7	1
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	48	36	49	30	38
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	550	680	440	350	340

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698676	2698677	2698678	2698679	2698680
Sample Reference				TP194	TP195	TP196	TP197	TP198
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				30/05/2023	30/05/2023	30/05/2023	30/05/2023	30/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	-	< 0.007	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	-	-	-	< 0.005	-
Toluene	mg/kg	0.005	NONE	-	-	-	< 0.005##	-
Ethylbenzene	mg/kg	0.005	NONE	-	-	-	< 0.005	-
p & m-xylene	mg/kg	0.005	NONE	-	-	-	< 0.005	-
o-xylene	mg/kg	0.005	NONE	-	-	-	< 0.005	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-	-	-	< 0.005	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	< 0.001	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	< 0.001	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	< 0.001	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	-	2.3	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	-	8.6	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	14	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	56	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	70	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	14	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	-	81	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	< 0.001	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	< 0.001	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	< 0.001	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	-	< 1.0	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	-	22	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	240	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	460	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	44	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	-	710	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	850	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	-	< 1.0	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	33	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	820	-

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

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The results included within the report relate only to the sample(s) submitted for testing.

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698681	2698682	2698683	2698684	2698685
Sample Reference				TP202	TP203	TP204	TP205	TP206
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				30/05/2023	30/05/2023	30/05/2023	30/05/2023	30/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	8	10	6.8	8	9.6
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	Not-detected	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	KWB	N/A	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	5.8	5.5	6	6.3	7.7
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	9.9	11	8.2	9.2	14
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0049	0.0054	0.0041	0.0046	0.007
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	4.9	5.4	4.1	4.6	7
Organic Matter	%	0.1	MCERTS	15	18	-	16	-
Organic Matter (automated)	%	0.1	MCERTS	-	-	12	-	13

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	2.4	< 1.0	4	< 1.0	1.8
Acenaphthylene	mg/kg	1	NONE	< 1.0	< 1.0	1.6	1.1	2
Acenaphthene	mg/kg	1	NONE	26	14	44	28	13
Fluorene	mg/kg	1	NONE	14	7.3	25	17	6.6
Phenanthrene	mg/kg	1	NONE	200	110	310	200	130
Anthracene	mg/kg	1	NONE	51	25	83	53	35
Fluoranthene	mg/kg	1	NONE	320	200	520	340	410
Pyrene	mg/kg	1	NONE	300	190	480	310	380
Benzo(a)anthracene	mg/kg	1	NONE	140	84	220	140	190
Chrysene	mg/kg	1	NONE	120	80	190	130	170
Benzo(b)fluoranthene	mg/kg	1	NONE	160	100	240	170	230
Benzo(k)fluoranthene	mg/kg	1	NONE	50	35	85	52	84
Benzo(a)pyrene	mg/kg	1	NONE	120	79	190	130	180
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	59	36	96	62	94
Dibenz(a,h)anthracene	mg/kg	1	NONE	17	11	25	16	29
Benzo(ghi)perylene	mg/kg	1	NONE	64	40	100	67	100

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	1640	1010	2620	1710	2040

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	48	47	47	58	37
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	3.2	< 0.2	7.3	3.1	2.9
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	170	22	990	43	32
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	170	22	990	43	32
Copper (aqua regia extractable)	mg/kg	1	MCERTS	270	210	300	280	200
Lead (aqua regia extractable)	mg/kg	1	MCERTS	670	660	670	710	370
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.4	4.2	1.8	1.2	0.8
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	34	28	33	41	29
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	490	340	650	550	510

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698681	2698682	2698683	2698684	2698685
Sample Reference				TP202	TP203	TP204	TP205	TP206
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				30/05/2023	30/05/2023	30/05/2023	30/05/2023	30/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	-	-	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	-	-	-	-	-
Toluene	mg/kg	0.005	NONE	-	-	-	-	-
Ethylbenzene	mg/kg	0.005	NONE	-	-	-	-	-
p & m-xylene	mg/kg	0.005	NONE	-	-	-	-	-
o-xylene	mg/kg	0.005	NONE	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-	-	-	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	-	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-

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

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Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698686	2698687	2698688	2698689	2698690
Sample Reference				TP207	TP208	TP209	TP210	TP211
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				30/05/2023	30/05/2023	30/05/2023	30/05/2023	30/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	15	17	12	15	10
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	-	-	Not-detected	-
Asbestos Analyst ID	N/A	N/A	N/A	KWB	N/A	N/A	KWB	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7	7.6	7.6	6.7	6
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	9.6	15	6.9	20	9.9
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0048	0.0075	0.0035	0.01	0.005
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	4.8	7.5	3.5	10	5
Organic Matter	%	0.1	MCERTS	14	17	12	19	16
Organic Matter (automated)	%	0.1	MCERTS	-	-	-	-	-

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	1.4	< 1.0	< 1.0	2.6	< 1.0
Acenaphthylene	mg/kg	1	NONE	< 1.0	< 1.0	< 1.0	1.3	< 1.0
Acenaphthene	mg/kg	1	NONE	6.6	5.2	16	27	13
Fluorene	mg/kg	1	NONE	3.6	2.6	8	13	6.4
Phenanthrene	mg/kg	1	NONE	62	47	130	190	93
Anthracene	mg/kg	1	NONE	16	11	32	48	22
Fluoranthene	mg/kg	1	NONE	230	140	260	460	220
Pyrene	mg/kg	1	NONE	220	130	230	410	200
Benzo(a)anthracene	mg/kg	1	NONE	120	73	110	210	100
Chrysene	mg/kg	1	NONE	110	69	95	200	95
Benzo(b)fluoranthene	mg/kg	1	NONE	160	97	120	240	130
Benzo(k)fluoranthene	mg/kg	1	NONE	64	39	49	100	42
Benzo(a)pyrene	mg/kg	1	NONE	130	82	96	200	98
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	67	38	45	100	48
Dibenz(a,h)anthracene	mg/kg	1	NONE	18	9.8	12	27	12
Benzo(ghi)perylene	mg/kg	1	NONE	73	43	49	110	53

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	1290	793	1240	2350	1140

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	28	39	54	40	56
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	1.3	1.9	2.3	3.1	5.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	19	25	35	31	92
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	19	25	35	31	92
Copper (aqua regia extractable)	mg/kg	1	MCERTS	130	190	270	220	220
Lead (aqua regia extractable)	mg/kg	1	MCERTS	360	440	520	600	630
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.5	1	1	1.7	1.5
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	24	27	36	30	40
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	280	370	570	560	710

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698686	2698687	2698688	2698689	2698690
Sample Reference				TP207	TP208	TP209	TP210	TP211
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				30/05/2023	30/05/2023	30/05/2023	30/05/2023	30/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	< 0.007	-	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	-	-	< 0.005	-	-
Toluene	mg/kg	0.005	NONE	-	-	< 0.005##	-	-
Ethylbenzene	mg/kg	0.005	NONE	-	-	< 0.005	-	-
p & m-xylene	mg/kg	0.005	NONE	-	-	< 0.005	-	-
o-xylene	mg/kg	0.005	NONE	-	-	< 0.005	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-	-	< 0.005	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	< 0.001	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	< 0.001	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	< 0.001	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	< 1.0	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	8.9	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	19	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	92	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	110	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	24	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	120	-	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	< 0.001	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	< 0.001	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	< 0.001	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	< 1.0	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	24	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	290	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	780	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	110	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	1100	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	1400	-	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	< 1.0	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	34	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	1300	-	-

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

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Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698691	2698692	2698693	2698694	2698695
Sample Reference				TP212	TP214	TP215	TP216	TP217
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				30/05/2023	31/05/2023	31/05/2023	31/05/2023	31/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	13	9.7	11	9.9	9.6
Total mass of sample received	kg	0.001	NONE	0.4	0.4	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	-	-	Not-detected	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	N/A	KWB	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.6	6.6	6.4	6.6	6.8
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	23	8.9	13	9.7	8
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.011	0.0044	0.0064	0.0049	0.004
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	11.4	4.4	6.4	4.9	4
Organic Matter	%	0.1	MCERTS	21	-	15	14	-
Organic Matter (automated)	%	0.1	MCERTS	-	11	-	-	13

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	< 1.0	< 1.0	6.1	3.5	2.5
Acenaphthylene	mg/kg	1	NONE	< 1.0	1.7	1.5	2	2.7
Acenaphthene	mg/kg	1	NONE	3.4	22	39	25	22
Fluorene	mg/kg	1	NONE	2	11	22	14	12
Phenanthrene	mg/kg	1	NONE	26	170	280	170	200
Anthracene	mg/kg	1	NONE	5.7	49	74	43	48
Fluoranthene	mg/kg	1	NONE	54	310	550	280	380
Pyrene	mg/kg	1	NONE	49	280	490	250	340
Benzo(a)anthracene	mg/kg	1	NONE	25	130	250	140	170
Chrysene	mg/kg	1	NONE	23	140	220	140	170
Benzo(b)fluoranthene	mg/kg	1	NONE	35	120	290	160	180
Benzo(k)fluoranthene	mg/kg	1	NONE	12	54	97	55	87
Benzo(a)pyrene	mg/kg	1	NONE	27	89	220	130	150
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	13	45	110	72	89
Dibenz(a,h)anthracene	mg/kg	1	NONE	3.4	12	30	22	25
Benzo(ghi)perylene	mg/kg	1	NONE	14	51	110	82	100

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	293	1480	2790	1600	1990

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	92	52	56	50	42
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	6.7	3.6	2.5	4.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	38	52	90	120	150
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	38	52	90	120	150
Copper (aqua regia extractable)	mg/kg	1	MCERTS	280	320	270	230	400
Lead (aqua regia extractable)	mg/kg	1	MCERTS	540	690	820	580	820
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.1	1.4	1.3	0.8	1.7
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	48	45	38	39	33
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	670	870	600	510	660

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Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698691	2698692	2698693	2698694	2698695
Sample Reference				TP212	TP214	TP215	TP216	TP217
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				30/05/2023	31/05/2023	31/05/2023	31/05/2023	31/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	-	-	-	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	-	-	-	-	-
Toluene	mg/kg	0.005	NONE	-	-	-	-	-
Ethylbenzene	mg/kg	0.005	NONE	-	-	-	-	-
p & m-xylene	mg/kg	0.005	NONE	-	-	-	-	-
o-xylene	mg/kg	0.005	NONE	-	-	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-	-	-	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	-	-	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	-	-	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	-	-	-	-

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

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Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698696	2698697	2698698	2698699	2698700
Sample Reference				TP218	TP219	TP220	TP224	TP225
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				31/05/2023	31/05/2023	31/05/2023	31/05/2023	31/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	14	9.5	11	11	4.7
Total mass of sample received	kg	0.001	NONE	0.4	0.3	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	-	-	-	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	N/A	N/A	KWB

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.4	6	6.5	6.7	6.3
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	13	13	10	8.3	9.6
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0067	0.0066	0.005	0.0041	0.0048
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	6.7	6.6	5	4.1	4.8
Organic Matter	%	0.1	MCERTS	17	15	15	18	-
Organic Matter (automated)	%	0.1	MCERTS	-	-	-	-	12

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	1.9	1.9	3.7	3.1	9.5
Acenaphthylene	mg/kg	1	NONE	1	1.1	4.3	1.4	3.2
Acenaphthene	mg/kg	1	NONE	9.1	9.9	21	19	100
Fluorene	mg/kg	1	NONE	5.3	5.5	14	11	54
Phenanthrene	mg/kg	1	NONE	82	90	210	140	660
Anthracene	mg/kg	1	NONE	20	21	53	37	180
Fluoranthene	mg/kg	1	NONE	160	220	410	240	920
Pyrene	mg/kg	1	NONE	150	200	380	220	760
Benzo(a)anthracene	mg/kg	1	NONE	72	96	190	110	430
Chrysene	mg/kg	1	NONE	74	100	200	110	400
Benzo(b)fluoranthene	mg/kg	1	NONE	93	97	240	120	480
Benzo(k)fluoranthene	mg/kg	1	NONE	25	36	71	56	150
Benzo(a)pyrene	mg/kg	1	NONE	68	88	180	100	350
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	41	56	110	59	190
Dibenz(a,h)anthracene	mg/kg	1	NONE	12	17	33	17	58
Benzo(ghi)perylene	mg/kg	1	NONE	47	66	130	69	210

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	861	1100	2250	1330	4940

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	37	50	47	68	45
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	2.8	2.4	4.1	2.9	3
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	31	35	35	91	45
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	32	35	35	91	45
Copper (aqua regia extractable)	mg/kg	1	MCERTS	260	270	380	280	290
Lead (aqua regia extractable)	mg/kg	1	MCERTS	520	800	650	890	1700
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.4	1.1	1.6	2.3	1.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	33	41	39	43	42
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	500	520	660	580	560

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Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698696	2698697	2698698	2698699	2698700
Sample Reference				TP218	TP219	TP220	TP224	TP225
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				31/05/2023	31/05/2023	31/05/2023	31/05/2023	31/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	< 0.007	-	-	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	-	< 0.005	-	-	-
Toluene	mg/kg	0.005	NONE	-	< 0.005##	-	-	-
Ethylbenzene	mg/kg	0.005	NONE	-	< 0.005	-	-	-
p & m-xylene	mg/kg	0.005	NONE	-	< 0.005	-	-	-
o-xylene	mg/kg	0.005	NONE	-	< 0.005	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-	< 0.005	-	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	< 0.001	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	< 0.001	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	< 0.001	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	< 1.0	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	4.9	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	21	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	130	-	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	150	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	24	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	160	-	-	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	< 0.001	-	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	< 0.001	-	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	< 0.001	-	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	< 1.0	-	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	22	-	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	330	-	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	820	-	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	89	-	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	1200	-	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	1400	-	-	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	< 1.0	-	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	26	-	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	1400	-	-	-

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

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Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698701	2698702	2698703	2698704	2698705
Sample Reference				TP226	TP227	TP231	TP232	TP233
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				31/05/2023	31/05/2023	31/05/2023	31/05/2023	31/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	8.3	11	9.3	14	14
Total mass of sample received	kg	0.001	NONE	0.4	0.3	0.4	0.4	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-	-	-	-	Not-detected
Asbestos Analyst ID	N/A	N/A	N/A	N/A	N/A	N/A	N/A	KWB

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.4	6.4	7.2	6.8	7.7
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	7.6	28	9.7	13	8.6
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0038	0.014	0.0048	0.0064	0.0043
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	3.8	14.1	4.8	6.4	4.3
Organic Matter	%	0.1	MCERTS	15	-	-	-	17
Organic Matter (automated)	%	0.1	MCERTS	-	11	8.8	13	-

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	2.1	2.5	1.5	< 1.0	< 1.0
Acenaphthylene	mg/kg	1	NONE	1.6	1.9	1.3	< 1.0	< 1.0
Acenaphthene	mg/kg	1	NONE	16	26	15	3	< 1.0
Fluorene	mg/kg	1	NONE	8.5	14	8.2	1.7	< 1.0
Phenanthrene	mg/kg	1	NONE	150	200	110	23	2.7
Anthracene	mg/kg	1	NONE	34	50	26	5.7	< 1.0
Fluoranthene	mg/kg	1	NONE	300	310	180	50	6.8
Pyrene	mg/kg	1	NONE	270	260	150	45	6.4
Benzo(a)anthracene	mg/kg	1	NONE	130	140	72	24	3.8
Chrysene	mg/kg	1	NONE	130	150	74	24	3.6
Benzo(b)fluoranthene	mg/kg	1	NONE	150	160	82	32	5.5
Benzo(k)fluoranthene	mg/kg	1	NONE	66	51	27	10	1.8
Benzo(a)pyrene	mg/kg	1	NONE	120	120	59	25	4.3
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	72	67	36	14	2.6
Dibenz(a,h)anthracene	mg/kg	1	NONE	21	21	11	4.1	< 1.0
Benzo(ghi)perylene	mg/kg	1	NONE	83	77	42	15	3

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	1560	1640	892	278	42.4

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	56	86	59	35	19
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	2.9	< 0.2	6.1	3.9	1.6
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	57	94	40	30	31
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	57	94	40	30	31
Copper (aqua regia extractable)	mg/kg	1	MCERTS	230	560	370	140	150
Lead (aqua regia extractable)	mg/kg	1	MCERTS	800	1100	700	390	420
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.1	1.4	1.3	0.8	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	41	58	55	33	32
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	570	970	780	580	990

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Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698701	2698702	2698703	2698704	2698705
Sample Reference				TP226	TP227	TP231	TP232	TP233
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10	0.00-0.10
Date Sampled				31/05/2023	31/05/2023	31/05/2023	31/05/2023	31/05/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Monoaromatics & Oxygenates								
Total BTEX & MTBE	mg/kg	0.007	NONE	-	< 0.007	-	-	-
Monoaromatics & Oxygenates								
Benzene	mg/kg	0.005	NONE	-	< 0.005	-	-	-
Toluene	mg/kg	0.005	NONE	-	< 0.005##	-	-	-
Ethylbenzene	mg/kg	0.005	NONE	-	< 0.005	-	-	-
p & m-xylene	mg/kg	0.005	NONE	-	< 0.005	-	-	-
o-xylene	mg/kg	0.005	NONE	-	< 0.005	-	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-	< 0.005	-	-	-
Petroleum Hydrocarbons								
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	< 0.001	-	-	-
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	< 0.001	-	-	-
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS_1D_AL}$	mg/kg	0.001	NONE	-	< 0.001	-	-	-
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH_CU_1D_AL}$	mg/kg	1	NONE	-	< 1.0	-	-	-
TPH-CWG - Aliphatic >EC12 - EC16 $_{EH_CU_1D_AL}$	mg/kg	2	NONE	-	4.9	-	-	-
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	11	-	-	-
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH_CU_1D_AL}$	mg/kg	8	NONE	-	55	-	-	-
TPH-CWG - Aliphatic >EC16 - EC35 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	66	-	-	-
TPH-CWG - Aliphatic >EC35 - EC40 $_{EH_CU_1D_AL}$	mg/kg	10	NONE	-	< 10	-	-	-
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH_CU+HS_1D_AL}$	mg/kg	10	NONE	-	71	-	-	-
TPH-CWG - Aromatic >EC5 - EC7 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	< 0.001	-	-	-
TPH-CWG - Aromatic >EC7 - EC8 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	< 0.001	-	-	-
TPH-CWG - Aromatic >EC8 - EC10 $_{HS_1D_AR}$	mg/kg	0.001	NONE	-	< 0.001	-	-	-
TPH-CWG - Aromatic >EC10 - EC12 $_{EH_CU_1D_AR}$	mg/kg	1	NONE	-	1.2	-	-	-
TPH-CWG - Aromatic >EC12 - EC16 $_{EH_CU_1D_AR}$	mg/kg	2	NONE	-	25	-	-	-
TPH-CWG - Aromatic >EC16 - EC21 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	230	-	-	-
TPH-CWG - Aromatic >EC21 - EC35 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	530	-	-	-
TPH-CWG - Aromatic >EC35 - EC40 $_{EH_CU_1D_AR}$	mg/kg	10	NONE	-	56	-	-	-
TPH-CWG - Aromatic (EC5 - EC35) $_{EH_CU+HS_1D_AR}$	mg/kg	10	NONE	-	790	-	-	-
TPH Total C5 - C40 $_{EH_CU+HS_1D_TOTAL}$	mg/kg	10	NONE	-	920	-	-	-
TPH (C5 - C10) $_{HS_1D_TOTAL}$	mg/kg	1	NONE	-	< 1.0	-	-	-
TPH (C10 - C16) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	31	-	-	-
TPH (C16 - C40) $_{EH_CU_1D_TOTAL}$	mg/kg	10	NONE	-	890	-	-	-

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

Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698706
Sample Reference				TP234
Sample Number				None Supplied
Depth (m)				0.00-0.10
Date Sampled				31/05/2023
Time Taken				None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**	
Stone Content	%	0.1	NONE	< 0.1
Moisture Content	%	0.01	NONE	11
Total mass of sample received	kg	0.001	NONE	0.4
Asbestos in Soil	Type	N/A	ISO 17025	-
Asbestos Analyst ID	N/A	N/A	N/A	N/A

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.2
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	12
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0058
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	5.8
Organic Matter	%	0.1	MCERTS	-
Organic Matter (automated)	%	0.1	MCERTS	6

Speciated PAHs+

Naphthalene	mg/kg	1	NONE	< 1.0
Acenaphthylene	mg/kg	1	NONE	< 1.0
Acenaphthene	mg/kg	1	NONE	2.6
Fluorene	mg/kg	1	NONE	1.6
Phenanthrene	mg/kg	1	NONE	21
Anthracene	mg/kg	1	NONE	4.8
Fluoranthene	mg/kg	1	NONE	35
Pyrene	mg/kg	1	NONE	33
Benzo(a)anthracene	mg/kg	1	NONE	16
Chrysene	mg/kg	1	NONE	15
Benzo(b)fluoranthene	mg/kg	1	NONE	18
Benzo(k)fluoranthene	mg/kg	1	NONE	7.2
Benzo(a)pyrene	mg/kg	1	NONE	15
Indeno(1,2,3-cd)pyrene	mg/kg	1	NONE	7
Dibenz(a,h)anthracene	mg/kg	1	NONE	1.7
Benzo(ghi)perylene	mg/kg	1	NONE	8

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	16	NONE	185

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	44
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2
Chromium (III)	mg/kg	1	NONE	25
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	26
Copper (aqua regia extractable)	mg/kg	1	MCERTS	150
Lead (aqua regia extractable)	mg/kg	1	MCERTS	380
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.4
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	31
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	410

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Analytical Report Number: 23-36978
Project / Site name: Mount Road, Gorton
Your Order No: C5150 MB 4250

Lab Sample Number				2698706
Sample Reference				TP234
Sample Number				None Supplied
Depth (m)				0.00-0.10
Date Sampled				31/05/2023
Time Taken				None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**	
Monoaromatics & Oxygenates				
Total BTEX & MTBE	mg/kg	0.007	NONE	-
Monoaromatics & Oxygenates				
Benzene	mg/kg	0.005	NONE	-
Toluene	mg/kg	0.005	NONE	-
Ethylbenzene	mg/kg	0.005	NONE	-
p & m-xylene	mg/kg	0.005	NONE	-
o-xylene	mg/kg	0.005	NONE	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.005	NONE	-
Petroleum Hydrocarbons				
TPH-CWG - Aliphatic >EC5 - EC6 HS_1D_AL	mg/kg	0.001	NONE	-
TPH-CWG - Aliphatic >EC6 - EC8 HS_1D_AL	mg/kg	0.001	NONE	-
TPH-CWG - Aliphatic >EC8 - EC10 HS_1D_AL	mg/kg	0.001	NONE	-
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_1D_AL	mg/kg	1	NONE	-
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_1D_AL	mg/kg	2	NONE	-
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_1D_AL	mg/kg	8	NONE	-
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_1D_AL	mg/kg	8	NONE	-
TPH-CWG - Aliphatic >EC16 - EC35 EH_CU_1D_AL	mg/kg	10	NONE	-
TPH-CWG - Aliphatic >EC35 - EC40 EH_CU_1D_AL	mg/kg	10	NONE	-
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_1D_AL	mg/kg	10	NONE	-
TPH-CWG - Aromatic >EC5 - EC7 HS_1D_AR	mg/kg	0.001	NONE	-
TPH-CWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.001	NONE	-
TPH-CWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.001	NONE	-
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	NONE	-
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_1D_AR	mg/kg	2	NONE	-
TPH-CWG - Aromatic >EC16 - EC21 EH_CU_1D_AR	mg/kg	10	NONE	-
TPH-CWG - Aromatic >EC21 - EC35 EH_CU_1D_AR	mg/kg	10	NONE	-
TPH-CWG - Aromatic >EC35 - EC40 EH_CU_1D_AR	mg/kg	10	NONE	-
TPH-CWG - Aromatic (EC5 - EC35) EH_CU+HS_1D_AR	mg/kg	10	NONE	-
TPH Total C5 - C40 EH_CU+HS_1D_TOTAL	mg/kg	10	NONE	-
TPH (C5 - C10) HS_1D_TOTAL	mg/kg	1	NONE	-
TPH (C10 - C16) EH_CU_1D_TOTAL	mg/kg	10	NONE	-
TPH (C16 - C40) EH_CU_1D_TOTAL	mg/kg	10	NONE	-

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Analytical Report Number : 23-36978
Project / Site name: Mount Road, Gorton

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

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2698576	TP100	None Supplied	0.00-0.20	Brown loam and sand with clinker and vegetation.
2698577	TP101	None Supplied	0.00-0.20	Brown loam and sand with gravel and vegetation.
2698578	TP102	None Supplied	0.00-0.15	Brown loam and sand with gravel and vegetation.
2698579	TP103	None Supplied	0.00-0.20	Brown loam and sand with gravel and vegetation.
2698580	TP235	None Supplied	0.00-0.15	Brown clay and loam with vegetation.
2698581	TP104	None Supplied	0.00-0.20	Brown loam and sand with clinker and vegetation.
2698582	TP105	None Supplied	0.00-0.20	Brown loam and sand with gravel and vegetation.
2698583	TP106	None Supplied	0.00-0.20	Brown loam and sand with gravel and vegetation.
2698584	TP237	None Supplied	0.00-0.20	Brown clay and loam with gravel and vegetation.
2698585	TP107	None Supplied	0.00-0.20	Brown loam and sand with gravel and vegetation.
2698586	TP238	None Supplied	0.00-0.20	Brown loam and sand with gravel and vegetation.
2698587	TP108	None Supplied	0.00-0.20	Brown loam and sand with gravel and vegetation.
2698588	TP109	None Supplied	0.00-0.15	Brown loam and sand with clinker and vegetation.
2698589	TP240	None Supplied	0.00-0.20	Brown loam and sand with gravel and vegetation.
2698590	TP239	None Supplied	0.00-0.10	Brown loam and clay with vegetation and clinker
2698591	TP241	None Supplied	0.00-0.20	Brown loam and sand with clinker and vegetation.
2698592	TP110	None Supplied	0.00-0.20	Brown loam and sand with vegetation and gravel.
2698593	TP111	None Supplied	0.00-0.20	Brown loam and sand with vegetation and clinker
2698594	TP242	None Supplied	0.00-0.20	Brown loam and clay with vegetation and clinker
2698595	TP112	None Supplied	0.00-0.20	Brown loam and sand with vegetation and clinker
2698596	TP113	None Supplied	0.00-0.20	Brown loam and sand with vegetation and clinker
2698597	TP114	None Supplied	0.00-0.20	Brown loam and sand with vegetation and clinker
2698598	TP115	None Supplied	0.00-0.15	Brown loam and sand with vegetation and clinker
2698599	TP116	None Supplied	0.00-0.20	Brown loam and sand with vegetation and clinker
2698600	TP117	None Supplied	0.00-0.20	Brown loam and sand with vegetation and clinker
2698601	TP118	None Supplied	0.00-0.10	Brown loam and sand with vegetation.
2698602	TP119	None Supplied	0.00-0.10	Brown loam and sand with gravel and vegetation.
2698603	TP120	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698604	TP121	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698605	TP122	None Supplied	0.00-0.05	Brown loam with gravel and vegetation.
2698606	TP123	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698607	TP124	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698608	TP125	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698609	TP126	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698610	TP127	None Supplied	0.00-0.05	Brown loam with gravel and vegetation.
2698611	TP128	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698612	TP129	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698613	TP130	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698614	TP131	None Supplied	0.00-0.10	Brown loam with vegetation.
2698615	TP132	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698616	TP133	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698617	TP134	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698618	TP135	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698619	TP136	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698620	TP137	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698621	TP138	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698622	TP139	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698623	TP140	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698624	TP141	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698625	TP142	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698626	TP143	None Supplied	0.00-0.10	Brown loam and sand with vegetation.
2698627	TP144	None Supplied	0.00-0.10	Brown loam and sand with vegetation.
2698628	TP145	None Supplied	0.00-0.10	Brown loam and sand with vegetation and clinker
2698629	TP146	None Supplied	0.00-0.10	Brown loam and sand with vegetation and clinker
2698630	TP147	None Supplied	0.00-0.10	Brown loam and sand with vegetation and clinker
2698631	TP148	None Supplied	0.00-0.10	Brown loam and sand with vegetation and clinker
2698632	TP149	None Supplied	0.00-0.10	Brown loam and clay with vegetation.
2698633	TP150	None Supplied	0.00-0.10	Brown loam and sand with vegetation.
2698634	TP151	None Supplied	0.00-0.10	Brown loam and sand with vegetation.
2698635	TP152	None Supplied	0.00-0.10	Brown loam and sand with vegetation.
2698636	TP153	None Supplied	0.00-0.10	Brown loam and clay with vegetation.

Analytical Report Number : 23-36978
Project / Site name: Mount Road, Gorton

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

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2698637	TP154	None Supplied	0.00-0.10	Brown loam and sand with vegetation.
2698638	TP155	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698639	TP156	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698640	TP157	None Supplied	0.00-0.10	Brown loam with vegetation.
2698641	TP158	None Supplied	0.00-0.10	Brown loam with vegetation.
2698642	TP159	None Supplied	0.00-0.10	Brown loam with vegetation.
2698643	TP160	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698644	TP161	None Supplied	0.00-0.10	Brown loam with vegetation.
2698645	TP162	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698646	TP163	None Supplied	0.00-0.10	Brown loam with vegetation.
2698647	TP164	None Supplied	0.00-0.10	Brown loam with vegetation.
2698648	TP165	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698649	TP166	None Supplied	0.00-0.10	Brown loam with vegetation.
2698650	TP167	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698651	TP168	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698652	TP169	None Supplied	0.00-0.10	Brown loam with vegetation.
2698653	TP170	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698654	TP171	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698655	TP172	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698656	TP173	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698657	TP174	None Supplied	0.00-0.10	Brown loam with vegetation.
2698658	TP175	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698659	TP176	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698660	TP178	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698661	TP179	None Supplied	0.00-0.10	Brown loam with vegetation.
2698662	TP180	None Supplied	0.00-0.10	Brown loam with vegetation.
2698663	TP181	None Supplied	0.00-0.10	Brown loam with vegetation.
2698664	TP182	None Supplied	0.00-0.10	Brown loam with vegetation.
2698665	TP183	None Supplied	0.00-0.10	Brown loam with vegetation.
2698666	TP184	None Supplied	0.00-0.10	Brown loam with vegetation.
2698667	TP185	None Supplied	0.00-0.10	Brown loam with vegetation.
2698668	TP186	None Supplied	0.00-0.10	Brown loam with vegetation.
2698669	TP187	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698670	TP188	None Supplied	0.00-0.10	Brown loam with vegetation.
2698671	TP189	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698672	TP190	None Supplied	0.00-0.10	Brown loam with vegetation.
2698673	TP191	None Supplied	0.00-0.10	Brown loam with vegetation.
2698674	TP192	None Supplied	0.00-0.10	Brown loam with vegetation.
2698675	TP193	None Supplied	0.00-0.10	Brown loam with vegetation.
2698676	TP194	None Supplied	0.00-0.10	Brown loam with vegetation.
2698677	TP195	None Supplied	0.00-0.10	Brown loam with vegetation.
2698678	TP196	None Supplied	0.00-0.10	Brown loam with vegetation.
2698679	TP197	None Supplied	0.00-0.10	Brown loam with vegetation.
2698680	TP198	None Supplied	0.00-0.10	Brown loam with vegetation.
2698681	TP202	None Supplied	0.00-0.10	Brown loam with vegetation.
2698682	TP203	None Supplied	0.00-0.10	Brown loam with vegetation.
2698683	TP204	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698684	TP205	None Supplied	0.00-0.10	Brown loam with vegetation.
2698685	TP206	None Supplied	0.00-0.10	Brown loam with vegetation.
2698686	TP207	None Supplied	0.00-0.10	Brown loam with vegetation.
2698687	TP208	None Supplied	0.00-0.10	Brown loam with vegetation.
2698688	TP209	None Supplied	0.00-0.10	Brown loam with vegetation.
2698689	TP210	None Supplied	0.00-0.10	Brown loam with vegetation.
2698690	TP211	None Supplied	0.00-0.10	Brown loam with vegetation.
2698691	TP212	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698692	TP214	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698693	TP215	None Supplied	0.00-0.10	Brown loam with vegetation.
2698694	TP216	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698695	TP217	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698696	TP218	None Supplied	0.00-0.10	Brown loam with vegetation.
2698697	TP219	None Supplied	0.00-0.10	Brown loam with vegetation.

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Analytical Report Number : 23-36978
Project / Site name: Mount Road, Gorton

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

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2698698	TP220	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698699	TP224	None Supplied	0.00-0.10	Brown loam with vegetation.
2698700	TP225	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698701	TP226	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698702	TP227	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698703	TP231	None Supplied	0.00-0.10	Brown loam with vegetation.
2698704	TP232	None Supplied	0.00-0.10	Brown loam with vegetation.
2698705	TP233	None Supplied	0.00-0.10	Brown loam with gravel and vegetation.
2698706	TP234	None Supplied	0.00-0.10	Brown loam with vegetation.

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Analytical Report Number : 23-36978
Project / Site name: Mount Road, Gorton

Water matrix abbreviations:
Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
Organic matter in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L023-PL	D	MCERTS
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	NONE
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
TPH in (Soil)	Determination of TPH bands by HS-GC-MS/GC-FID	In-house method, TPH with carbon banding and silica gel split/cleanup.	L076-PL	D	NONE
Cr (III) in soil	In-house method by calculation from total Cr and Cr VI.	In-house method by calculation	L080-PL	W	NONE
TPHCWG (Soil)	Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID.	In-house method with silica gel split/clean up.	L088/76-PL	W	NONE
Organic matter (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L009-PL	D	MCERTS
Hexavalent chromium in soil (Lower Level)	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	NONE
BTEX and MTBE in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS. Individual components MCERTS accredited	In-house method based on USEPA8260	L073B-PL	W	NONE
Sulphate, water soluble, in soil	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS

For method numbers ending in 'UK or A' analysis have been carried out in our laboratory in the United Kingdom (WATFORD).
For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).
For method numbers ending in 'PL or B' analysis have been carried out in our laboratory in Poland.
Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

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The results included within the report relate only to the sample(s) submitted for testing.

Analytical Report Number : 23-36978
Project / Site name: Mount Road, Gorton

Water matrix abbreviations:
Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status

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

Information in Support of Analytical Results

List of HWOL Acronyms and Operators

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

+ - Method detection limit raised due to the sample being diluted due to matrix interference. the result should be considered as being deviating and may be compromised.
$ - Result over calibration range, concentration determined by extrapolated calibration. The result should be interpreted with caution.
- Quality control parameter has a high recovery (outside of limit); however the associated result is below the reporting limit, other checks applied prior to reporting the data have been accepted. The result should be considered as being deviating and may be compromised.

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The results included within the report relate only to the sample(s) submitted for testing.

APPENDIX D

Geotechnical Testing Results

Matthew Shore
Brownfield Solutions Ltd
William Smith House
173 - 183 Witton Street
Northwich
Cheshire
CW9 5LP

e: m.shore@brownfield-solutions.co.uk

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

Analytical Report Number : 22-91696

Project / Site name:	Mount Rd Gorton	**Samples received on:**	20/10/2022
Your job number:	C5150	**Samples instructed on/ Analysis started on:**	20/10/2022
Your order number:		**Analysis completed by:**	27/10/2022
Report Issue Number:	1	**Report issued on:**	27/10/2022
Samples Analysed:	2 soil samples		

Signed:

Dominika Warjan
Junior Reporting Specialist
For & on behalf of i2 Analytical Ltd.

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

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

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

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

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

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

This certificate should not be reproduced, except in full, without the express permission of the laboratory.
The results included within the report relate only to the sample(s) submitted for testing

Analytical Report Number: 22-91696
Project / Site name: Mount Rd Gorton

Lab Sample Number				2470401	2470402
Sample Reference				TP37	TP40
Sample Number				None Supplied	None Supplied
Depth (m)				0.30-0.60	0.30-0.60
Date Sampled				18/10/2022	18/10/2022
Time Taken				None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**		
Stone Content	%	0.1	NONE	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	28	20
Total mass of sample received	kg	0.001	NONE	0.4	0.4
General Inorganics					
pH - Automated	pH Units	N/A	MCERTS	7.5	8
Heavy Metals / Metalloids					
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	140	130
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	NONE	< 1.2	< 1.2
Chromium (III)	mg/kg	1	NONE	49	69
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	49	69
Copper (aqua regia extractable)	mg/kg	1	MCERTS	700	760
Lead (aqua regia extractable)	mg/kg	1	MCERTS	1300	1600
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	8.9	1.2
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	97	100
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	1800	940

U/S = Unsuitable Sample I/S = Insufficient Sample

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The results included within the report relate only to the sample(s) submitted for testing

Analytical Report Number : 22-91696
Project / Site name: Mount Rd Gorton

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

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

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2470401	TP37	None Supplied	0.30-0.60	Brown clay and sand with rubble and clinker
2470402	TP40	None Supplied	0.30-0.60	Brown loam with gravel and vegetation.

Analytical Report Number : 22-91696
Project / Site name: Mount Rd Gorton

Water matrix abbreviations:
Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Cr (III) in soil	In-house method by calculation from total Cr and Cr VI.	In-house method by calculation	L080-PL	W	NONE
Hexavalent chromium in soil (Lower Level)	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	NONE

For method numbers ending in 'UK or A' analysis have been carried out in our laboratory in the United Kingdom (WATFORD).
For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).
For method numbers ending in 'PL or B' analysis have been carried out in our laboratory in Poland.
Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC
Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Matthew Shore
Brownfield Solutions Ltd
William Smith House
173 - 183 Witton Street
Northwich
Cheshire
CW9 5LP

e: m.shore@brownfield-solutions.co.uk

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

Analytical Report Number : 22-93691

Project / Site name:	Maunt Road Gorton	**Samples received on:**	25/10/2022
Your job number:	C5150	**Samples instructed on/ Analysis started on:**	25/10/2022
Your order number:		**Analysis completed by:**	09/11/2022
Report Issue Number:	1	**Report issued on:**	09/11/2022
Samples Analysed:	15 soil samples		

Signed:

Adam Fenwick
Technical Reviewer
For & on behalf of i2 Analytical Ltd.

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

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

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

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

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

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The results included within the report relate only to the sample(s) submitted for testing

Analytical Report Number: 22-93691
Project / Site name: Maunt Road Gorton

Lab Sample Number				2482230	2482231	2482232	2482233	2482234
Sample Reference				WS01	WS02	WS04	WS06	WS07
Sample Number				D	D	D	D	D
Depth (m)				0.50	1.20	1.20	1.20	0.75
Date Sampled				10/10/2022	10/10/2022	10/10/2022	11/10/2022	10/10/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	23	12	17	16	19
Total mass of sample received	kg	0.001	NONE	0.5	0.3	0.3	0.4	0.3

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.5	7.6	7.3	7.6	7.7
Total Sulphate as SO4	%	0.005	MCERTS	-	-	0.032	-	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.016	0.035	0.14	0.036	0.067
Water Soluble Chloride (2:1) (leachate equivalent)	mg/l	0.5	MCERTS	-	-	2.2	-	-
Total Sulphur	%	0.005	MCERTS	-	-	0.017	-	-
Water Soluble Nitrate (2:1) as N (leachate equivalent)	mg/l	2	NONE	-	-	< 2.0	-	-

Heavy Metals / Metalloids

Magnesium (water soluble)	mg/kg	5	NONE	-	-	27	-	-
Magnesium (leachate equivalent)	mg/l	2.5	NONE	-	-	14	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample

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Analytical Report Number: 22-93691
Project / Site name: Maunt Road Gorton

Lab Sample Number				2482235	2482236	2482237	2482238	2482239
Sample Reference				WS08	WS09	WS10	WS11	WS12
Sample Number				D	D	D	D	D
Depth (m)				2.10	2.30	1.40	3.00	2.30
Date Sampled				11/10/2022	11/10/2022	11/10/2022	11/10/2022	11/10/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	19	23	17	16	21
Total mass of sample received	kg	0.001	NONE	0.3	0.4	0.3	0.3	0.3

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.2	6.8	7.2	7.7	6.7
Total Sulphate as SO4	%	0.005	MCERTS	0.16	-	-	0.016	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.46	0.3	0.034	0.095	0.06
Water Soluble Chloride (2:1) (leachate equivalent)	mg/l	0.5	MCERTS	11	-	-	2.9	-
Total Sulphur	%	0.005	MCERTS	0.276	-	-	0.016	-
Water Soluble Nitrate (2:1) as N (leachate equivalent)	mg/l	2	NONE	< 2.0	-	-	< 2.0	-

Heavy Metals / Metalloids

Magnesium (water soluble)	mg/kg	5	NONE	62	-	-	41	-
Magnesium (leachate equivalent)	mg/l	2.5	NONE	31	-	-	20	-

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Analytical Report Number: 22-93691
Project / Site name: Maunt Road Gorton

Lab Sample Number				2482240	2482241	2482242	2482243	2482244
Sample Reference				TP13	TP23	TP32	TP37	TP40
Sample Number				D	D	D	D	D
Depth (m)				1.70	1.30	1.80	1.00	1.25
Date Sampled				13/10/2022	13/10/2022	14/10/2022	18/10/2022	18/10/2022
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	**Units**	**Limit of detection**	**Accreditation Status**					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	29	20	27	15	18
Total mass of sample received	kg	0.001	NONE	0.3	0.3	0.3	0.3	0.4

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.0	6.9	5.8	7.7	7.9
Total Sulphate as SO4	%	0.005	MCERTS	0.063	-	-	0.012	-
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.17	0.15	1.4	0.062	0.17
Water Soluble Chloride (2:1) (leachate equivalent)	mg/l	0.5	MCERTS	14	-	-	1.8	-
Total Sulphur	%	0.005	MCERTS	0.082	-	-	0.01	-
Water Soluble Nitrate (2:1) as N (leachate equivalent)	mg/l	2	NONE	< 2.0	-	-	< 2.0	-

Heavy Metals / Metalloids

Magnesium (water soluble)	mg/kg	5	NONE	19	-	-	17	-
Magnesium (leachate equivalent)	mg/l	2.5	NONE	9.4	-	-	8.3	-

U/S = Unsuitable Sample I/S = Insufficient Sample

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Analytical Report Number : 22-93691
Project / Site name: Maunt Road Gorton

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

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

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2482230	WS01	D	0.5	Brown clay and sand.
2482231	WS02	D	1.2	Brown clay.
2482232	WS04	D	1.2	Brown clay.
2482233	WS06	D	1.2	Brown clay and sand.
2482234	WS07	D	0.75	Brown clay.
2482235	WS08	D	2.1	Brown clay.
2482236	WS09	D	2.3	Brown clay.
2482237	WS10	D	1.4	Brown clay.
2482238	WS11	D	3	Brown clay.
2482239	WS12	D	2.3	Brown clay.
2482240	TP13	D	1.7	Brown clay.
2482241	TP23	D	1.3	Brown clay.
2482242	TP32	D	1.8	Brown clay and loam with vegetation.
2482243	TP37	D	1	Brown clay.
2482244	TP40	D	1.25	Brown clay and sand.

Analytical Report Number : 22-93691
Project / Site name: Maunt Road Gorton

Water matrix abbreviations:
Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Magnesium, water soluble, in soil	Determination of water soluble magnesium by extraction with water followed by ICP-OES.	In-house method based on TRL 447	L038-PL	D	NONE
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Total Sulphate in soil as %	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES.	In house method.	L038-PL	D	MCERTS
Total Sulphur in soil as %	Determination of total sulphur in soil by extraction with aqua-regia, potassium bromide/bromate followed by ICP-OES.	In house method.	L038-PL	D	MCERTS
Water Soluble Nitrate (2:1) as N in soil	Determination of nitrate by reaction with sodium salicylate and colorimetry.	In-house method based on Examination of Water and Wastewatern & Polish Standard Method PN-82/C-04579.08, 2:1 extraction.	L078-PL	W	NONE
Chloride, water soluble, in soil	Determination of Chloride colorimetrically by discrete analyser.	In house method.	L082-PL	D	MCERTS

For method numbers ending in 'UK or A' analysis have been carried out in our laboratory in the United Kingdom (WATFORD).
For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).
For method numbers ending in 'PL or B' analysis have been carried out in our laboratory in Poland.
Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC
Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

TEST CERTIFICATE

DETERMINATION OF LIQUID AND PLASTIC LIMITS

Tested in Accordance with: BS EN ISO 17892-12:2018+A1:2021, Clause 5.3.14 and 5.5, Fall Cone Method, 1 Point Test

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

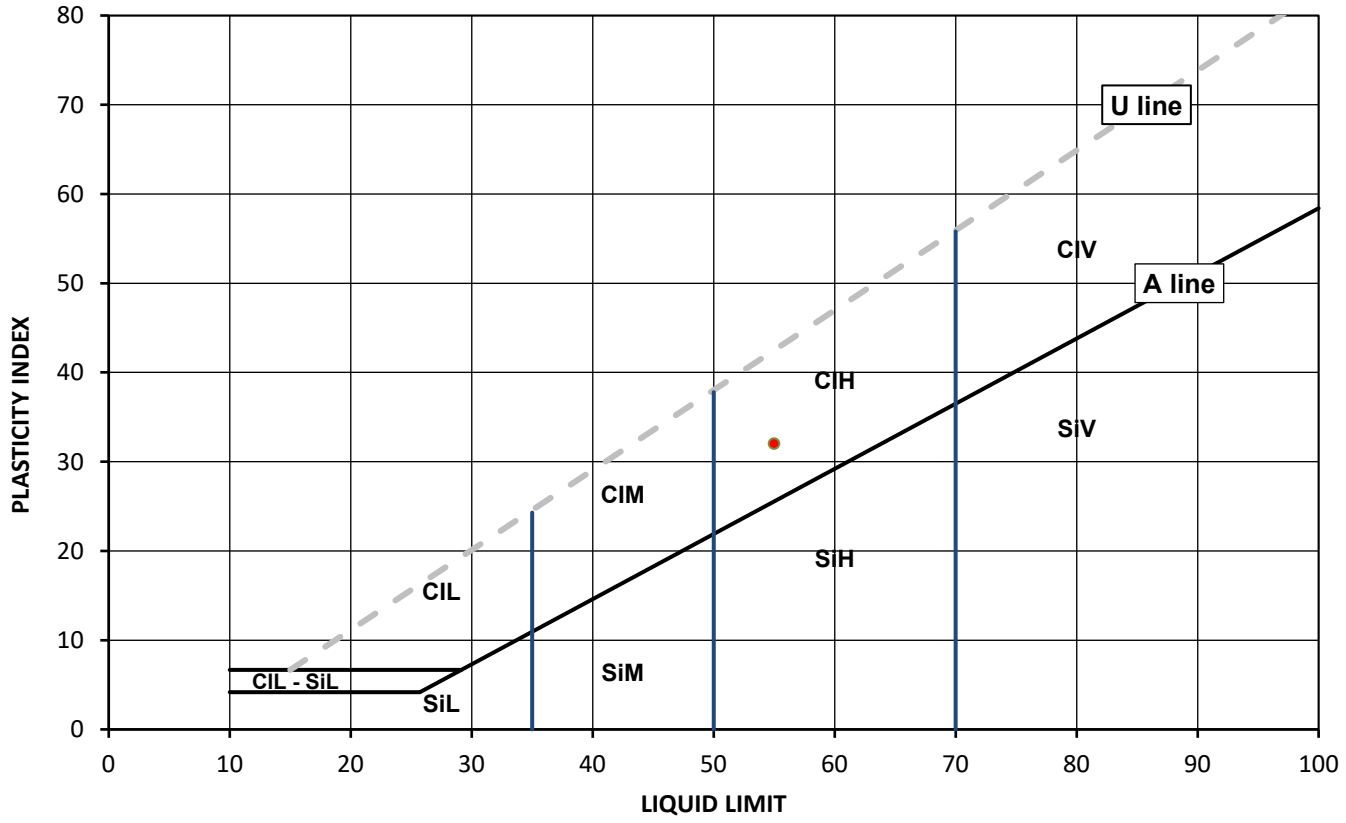
Client:	Brownfield Solutions Ltd	Client Reference:	C5150
Client Address:	William Smith House, 173 - 183 Witton Street, Northwich, Cheshire, CW9 5LP	Job Number:	22-93684
		Date Sampled:	10/10/2022
		Date Received:	25/10/2022
Contact:	Matthew Shore	Date Tested:	07/11/2022
Site Address:	Maunt Road Gorton	Sampled By:	Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	2482174	Depth Top [m]:	0.50
Hole No.:	WS01	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Sample Description:	Brownish grey slightly sandy CLAY		
Sample Preparation:	Tested in natural condition;		
Cone Type:	80g/30deg		

As Received Water Content [W] %	Corrected Liquid Limit [WL] %	Correlation Factor	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
29.8	55	1.000	23	32	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

Remarks:

Opinions and interpretations expressed herein are outside of the scope of the UKAS Accreditation. This report may not be reproduced other than in full without the prior written approval of the issuing laboratory. The results included within the report relate only to the sample(s) submitted for testing.

Signed:

Anna Dudzinska
PL Deputy Head of Reporting Team
for and on behalf of i2 Analytical Ltd

Date Reported: 10/11/2022

GF 360.10

TEST CERTIFICATE

DETERMINATION OF LIQUID AND PLASTIC LIMITS

Tested in Accordance with: BS EN ISO 17892-12:2018+A1:2021, Clause 5.3.14 and 5.5, Fall Cone Method, 1 Point Test

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

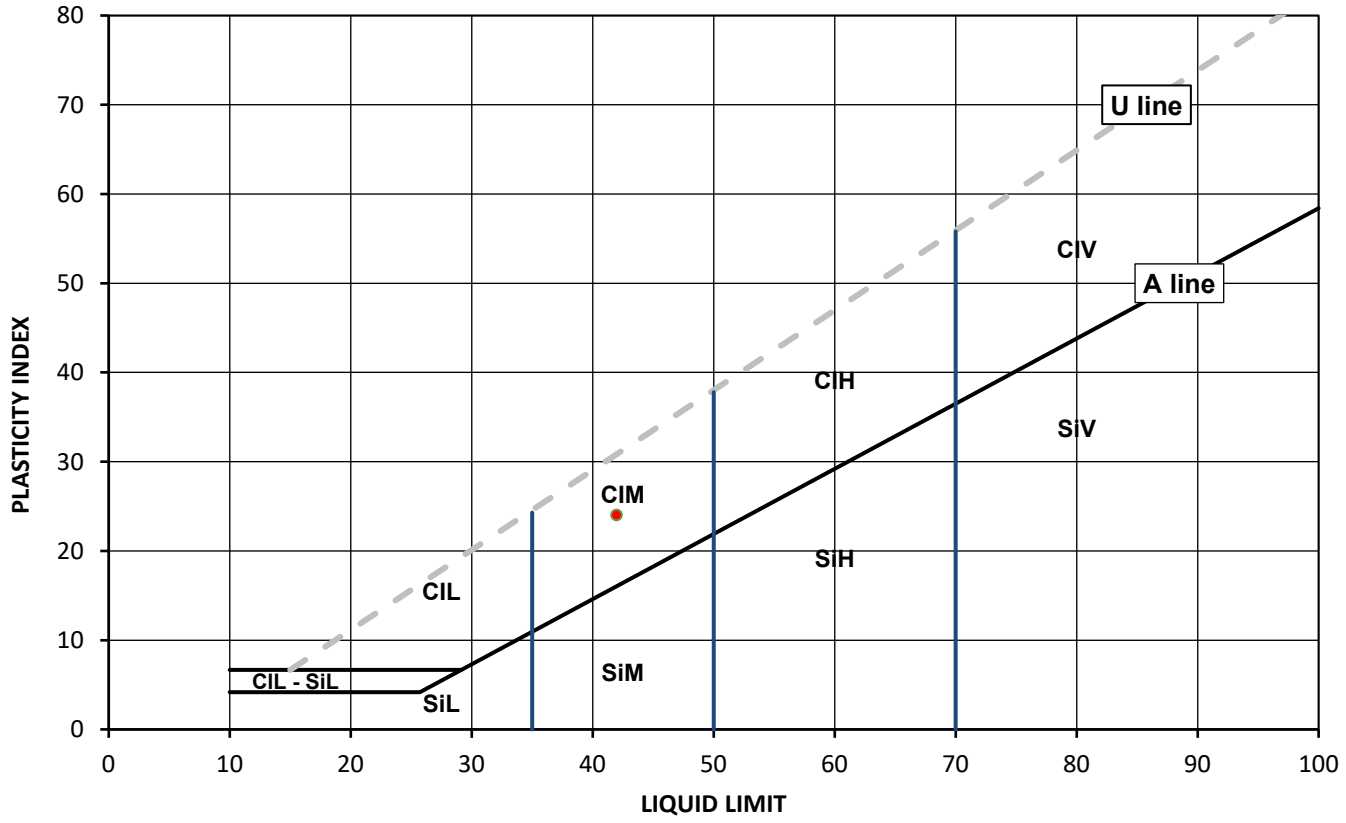
Client:	Brownfield Solutions Ltd	Client Reference:	C5150
Client Address:	William Smith House, 173 - 183 Witton Street, Northwich, Cheshire, CW9 5LP	Job Number:	22-93684
		Date Sampled:	10/10/2022
		Date Received:	25/10/2022
Contact:	Matthew Shore	Date Tested:	07/11/2022
Site Address:	Maunt Road Gorton	Sampled By:	Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	2482175	Depth Top [m]:	1.20
Hole No.:	WS02	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Sample Description:	Greyish brown slightly gravelly sandy CLAY		
Sample Preparation:	Tested after washing to remove >0.425mm;		
Cone Type:	80g/30deg		

As Received Water Content [W] %	Corrected Liquid Limit [WL] %	Correlation Factor	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
18.9	42	1.001	18	24	93



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

Remarks:

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Signed:

Anna Dudzinska
PL Deputy Head of Reporting Team
for and on behalf of i2 Analytical Ltd

Date Reported: 10/11/2022

GF 360.10

TEST CERTIFICATE

DETERMINATION OF LIQUID AND PLASTIC LIMITS

Tested in Accordance with: BS EN ISO 17892-12:2018+A1:2021, Clause 5.3.14 and 5.5, Fall Cone Method, 1 Point Test

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

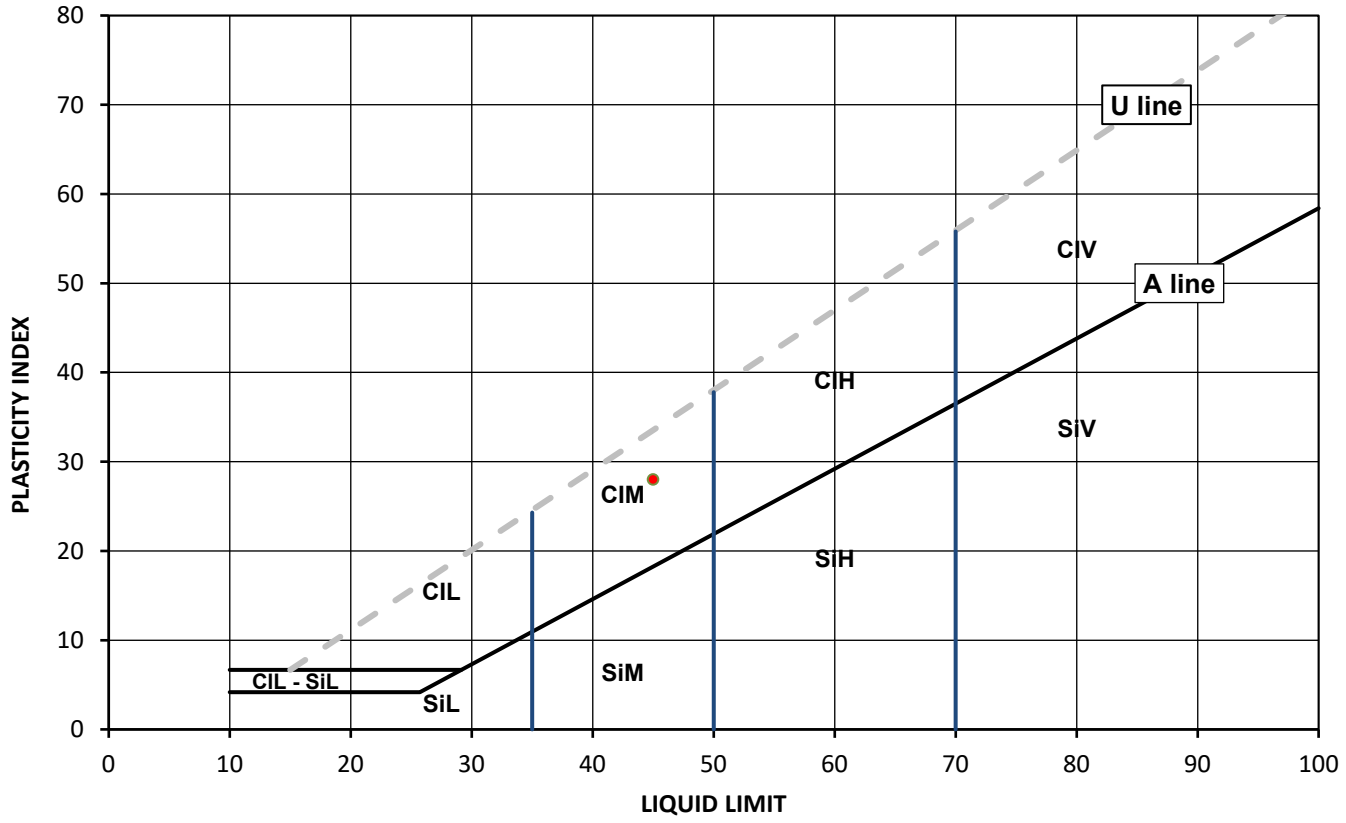
Client:	Brownfield Solutions Ltd	Client Reference:	C5150
Client Address:	William Smith House, 173 - 183 Witton Street, Northwich, Cheshire, CW9 5LP	Job Number:	22-93684
		Date Sampled:	10/10/2022
		Date Received:	25/10/2022
Contact:	Matthew Shore	Date Tested:	07/11/2022
Site Address:	Maunt Road Gorton	Sampled By:	Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	2482176	Depth Top [m]:	1.20
Hole No.:	WS04	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Sample Description:	Greyish brown slightly gravelly sandy CLAY		
Sample Preparation:	Tested after >0.425mm removed by hand;		
Cone Type:	80g/30deg		

As Received Water Content [W] %	Corrected Liquid Limit [WL] %	Correlation Factor	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
20.2	45	0.996	17	28	99



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

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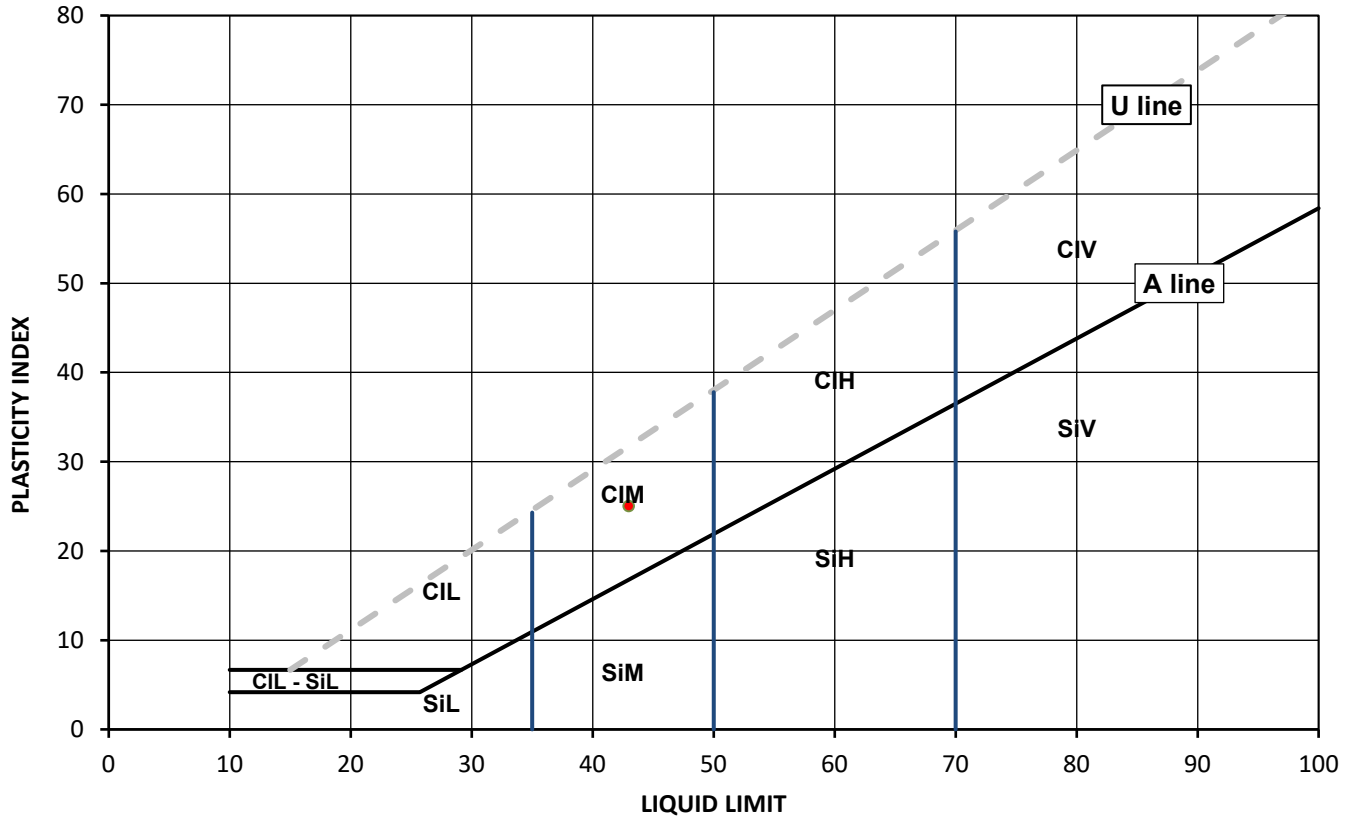
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Client Address:	William Smith House, 173 - 183 Witton Street, Northwich, Cheshire, CW9 5LP	Job Number:	22-93684
		Date Sampled:	11/10/2022
		Date Received:	25/10/2022
Contact:	Matthew Shore	Date Tested:	07/11/2022
Site Address:	Maunt Road Gorton	Sampled By:	Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	2482177	Depth Top [m]:	1.20
Hole No.:	WS06	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Sample Description:	Brown sandy CLAY		
Sample Preparation:	Tested in natural condition;		
Cone Type:	80g/30deg		

As Received Water Content [W] %	Corrected Liquid Limit [WL] %	Correlation Factor	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
22.9	43	1.000	18	25	100



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

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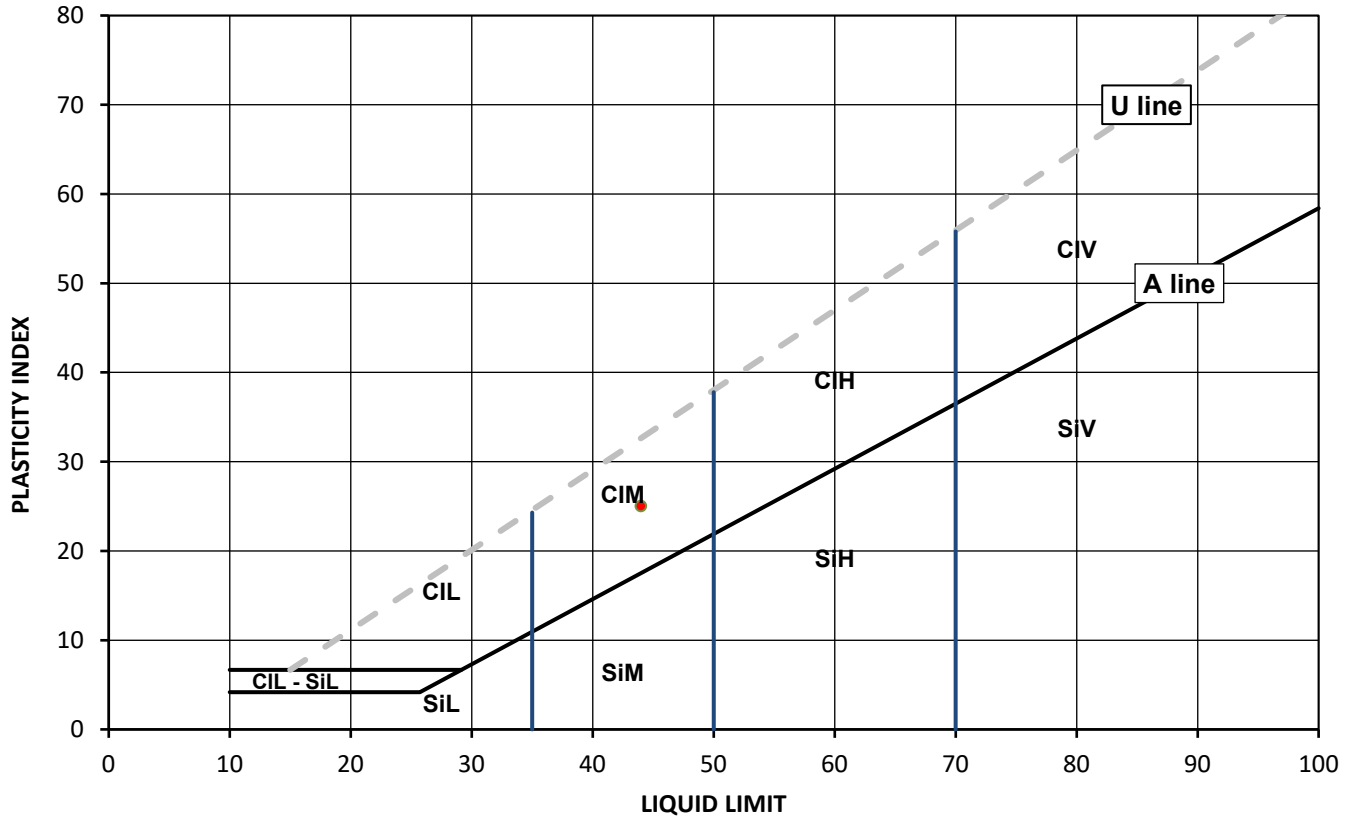
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Contact:	Matthew Shore	Date Tested:	07/11/2022
Site Address:	Maunt Road Gorton	Sampled By:	Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	2482178	Depth Top [m]:	0.75
Hole No.:	WS07	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Sample Description:	Greyish brown slightly gravelly sandy CLAY		
Sample Preparation:	Tested after >0.425mm removed by hand;		
Cone Type:	80g/30deg		

As Received Water Content [W] %	Corrected Liquid Limit [WL] %	Correlation Factor	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
27.5	44	1.020	19	25	96



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

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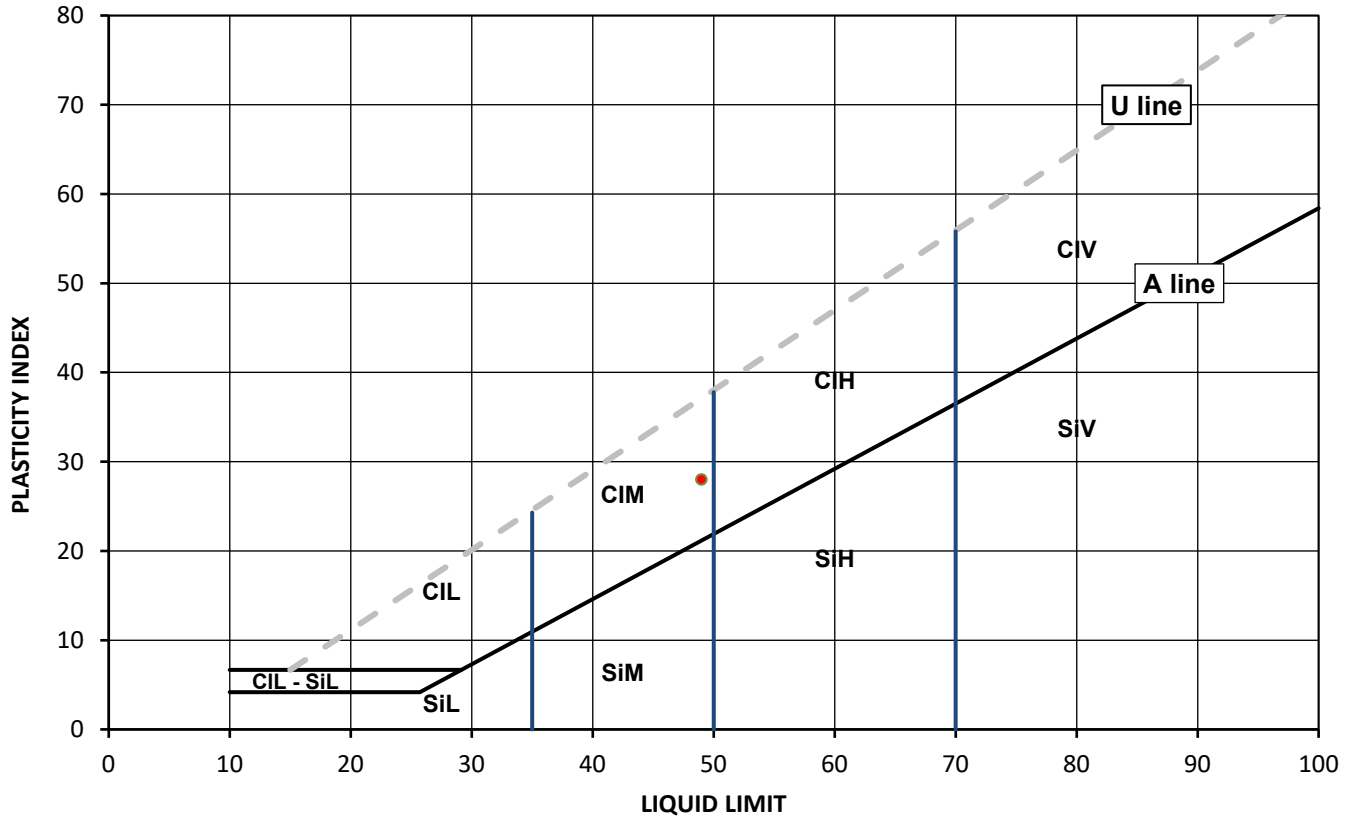
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Contact:	Matthew Shore	Date Tested:	07/11/2022
Site Address:	Maunt Road Gorton	Sampled By:	Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	2482179	Depth Top [m]:	2.10
Hole No.:	WS08	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Sample Description:	Dark grey slightly gravelly slightly sandy CLAY		
Sample Preparation:	Tested after >0.425mm removed by hand;		
Cone Type:	80g/30deg		

As Received Water Content [W] %	Corrected Liquid Limit [WL] %	Correlation Factor	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
38.7	49	0.984	21	28	97



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

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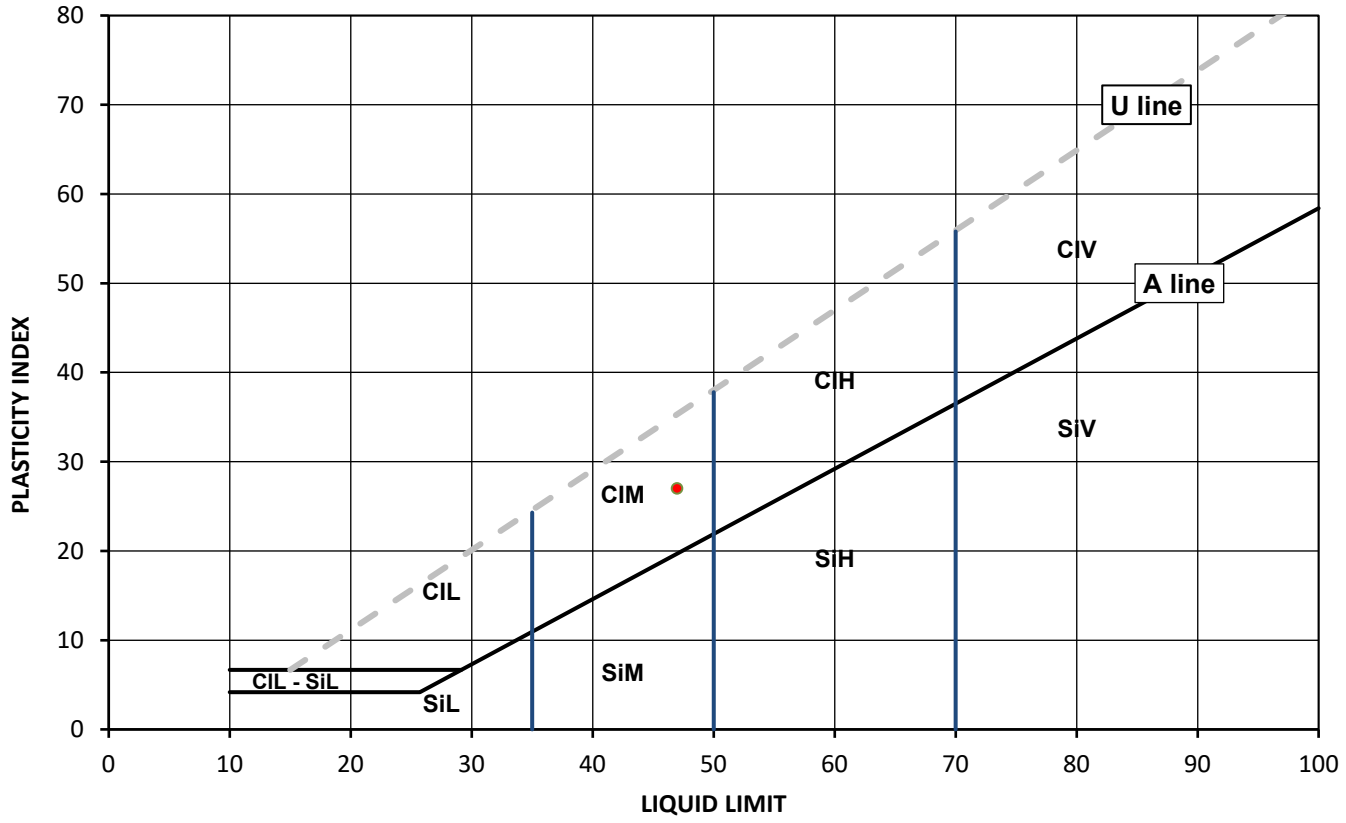
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Contact:	Matthew Shore	Date Tested:	07/11/2022
Site Address:	Maunt Road Gorton	Sampled By:	Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	2482180	Depth Top [m]:	2.30
Hole No.:	WS09	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Sample Description:	Brownish grey slightly gravelly slightly sandy CLAY		
Sample Preparation:	Tested after >0.425mm removed by hand;		
Cone Type:	80g/30deg		

As Received Water Content [W] %	Corrected Liquid Limit [WL] %	Correlation Factor	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
21.5	47	1.020	20	27	99



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

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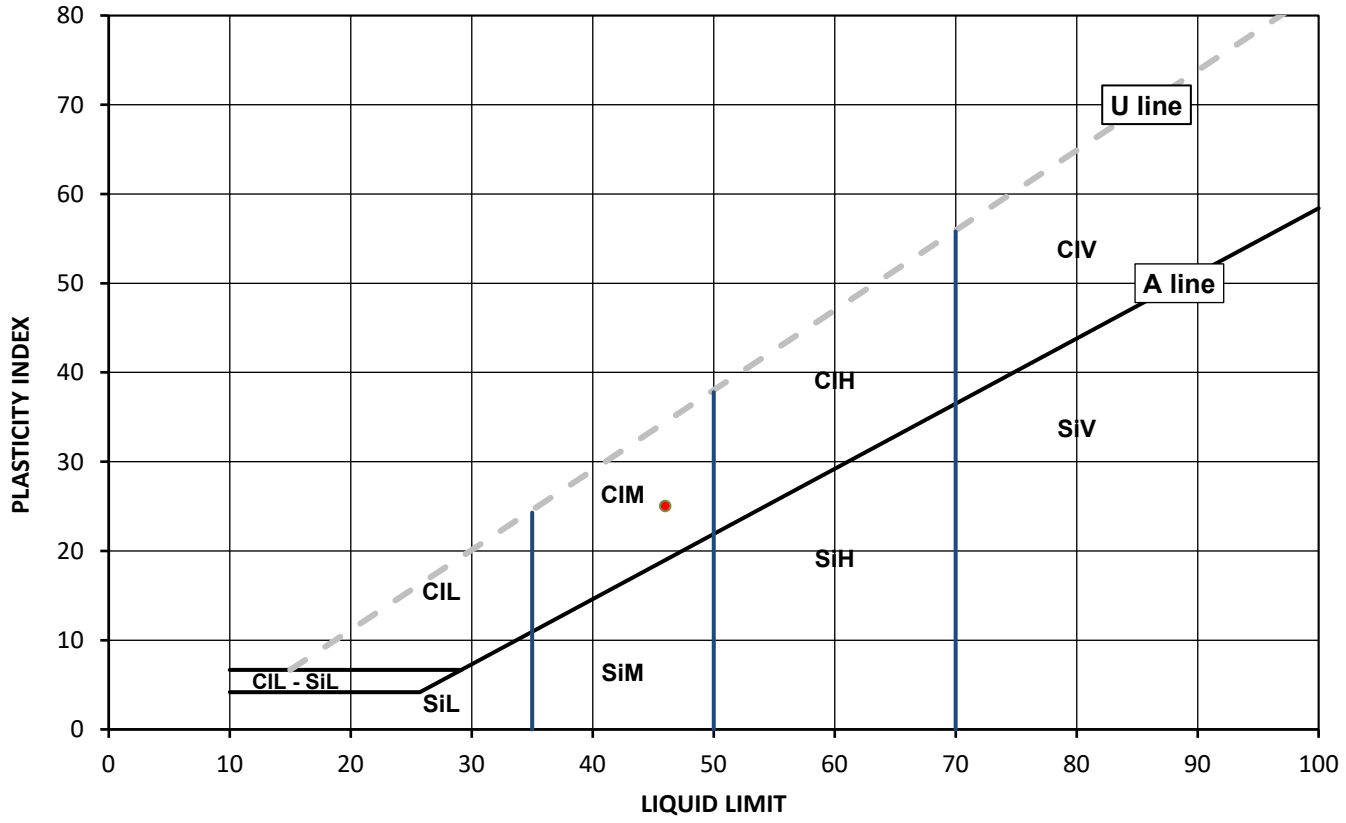
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Site Address:	Maunt Road Gorton	Sampled By:	Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	2482181	Depth Top [m]:	1.40
Hole No.:	WS10	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Sample Description:	Greyish brown slightly gravelly slightly sandy CLAY		
Sample Preparation:	Tested after >0.425mm removed by hand;		
Cone Type:	80g/30deg		

As Received Water Content [W] %	Corrected Liquid Limit [WL] %	Correlation Factor	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
35.2	46	0.984	21	25	98



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

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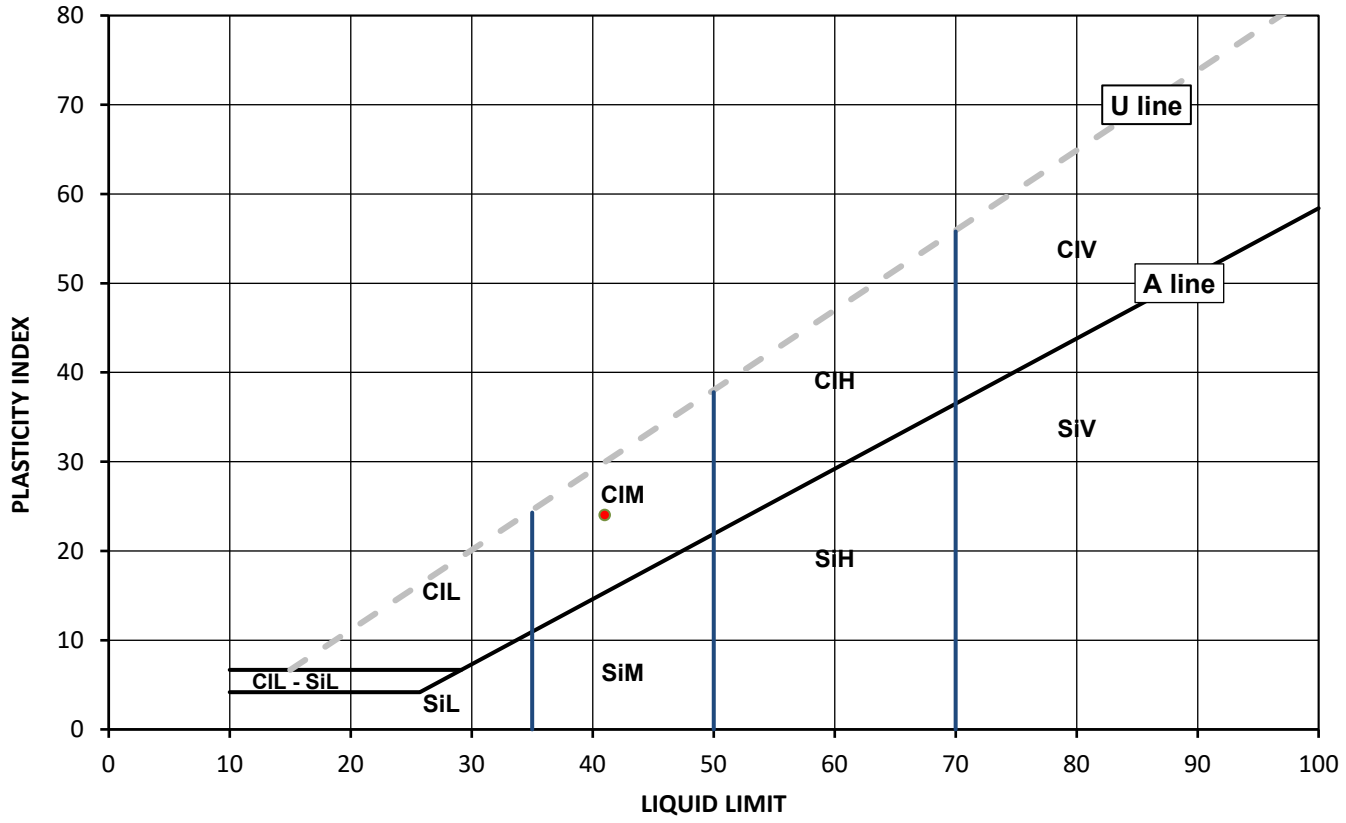
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		Date Received:	25/10/2022
Contact:	Matthew Shore	Date Tested:	07/11/2022
Site Address:	Maunt Road Gorton	Sampled By:	Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	2482182	Depth Top [m]:	3.00
Hole No.:	WS11	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Sample Description:	Greyish brown slightly gravelly sandy CLAY		
Sample Preparation:	Tested after washing to remove >0.425mm;		
Cone Type:	60g/60deg		

As Received Water Content [W] %	Corrected Liquid Limit [WL] %	Correlation Factor	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
25.7	41	1.039	17	24	91



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

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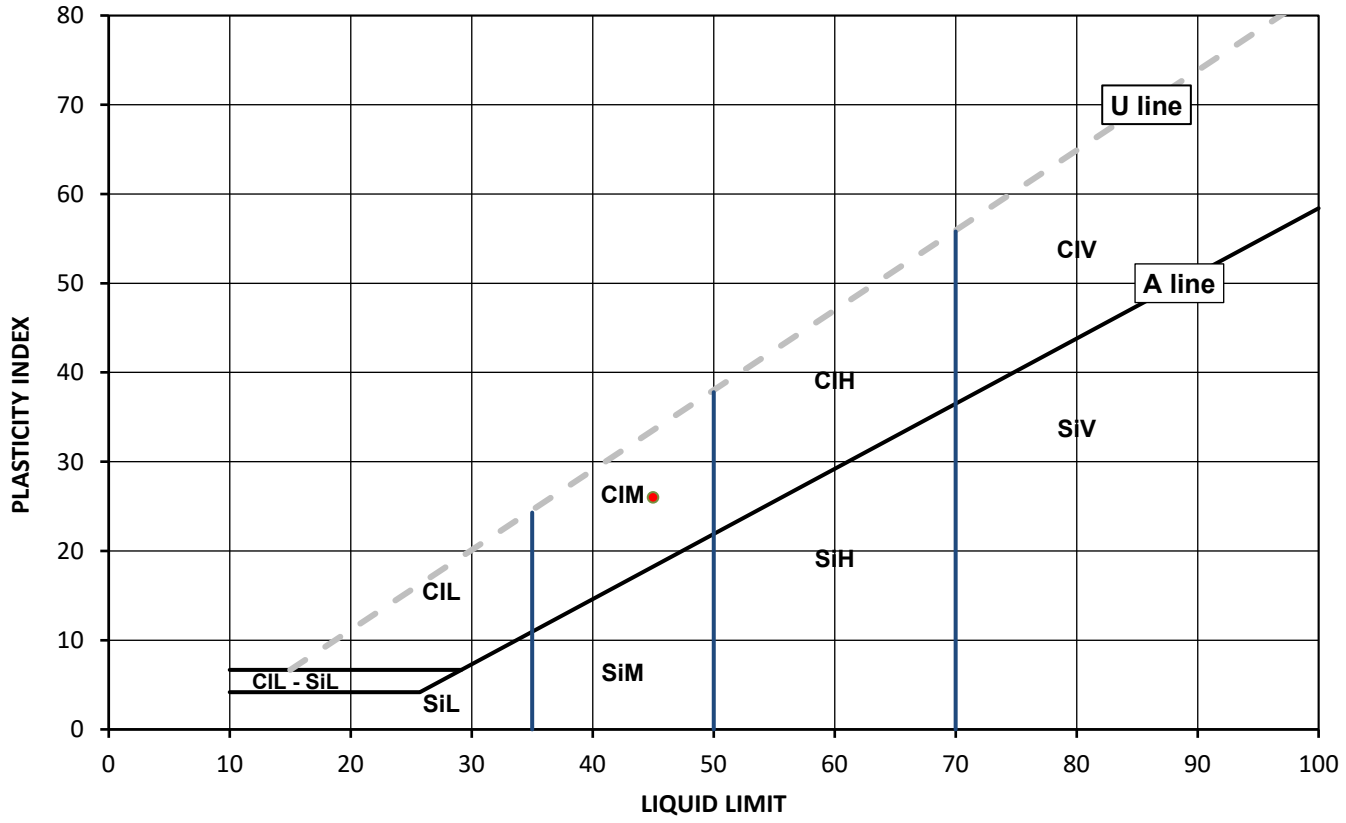
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Site Address:	Maunt Road Gorton	Sampled By:	Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	2482183	Depth Top [m]:	2.30
Hole No.:	WS12	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Sample Description:	Dark brown slightly gravelly slightly sandy CLAY		
Sample Preparation:	Tested after >0.425mm removed by hand;		
Cone Type:	60g/60deg		

As Received Water Content [W] %	Corrected Liquid Limit [WL] %	Correlation Factor	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
23.8	45	0.968	19	26	98



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

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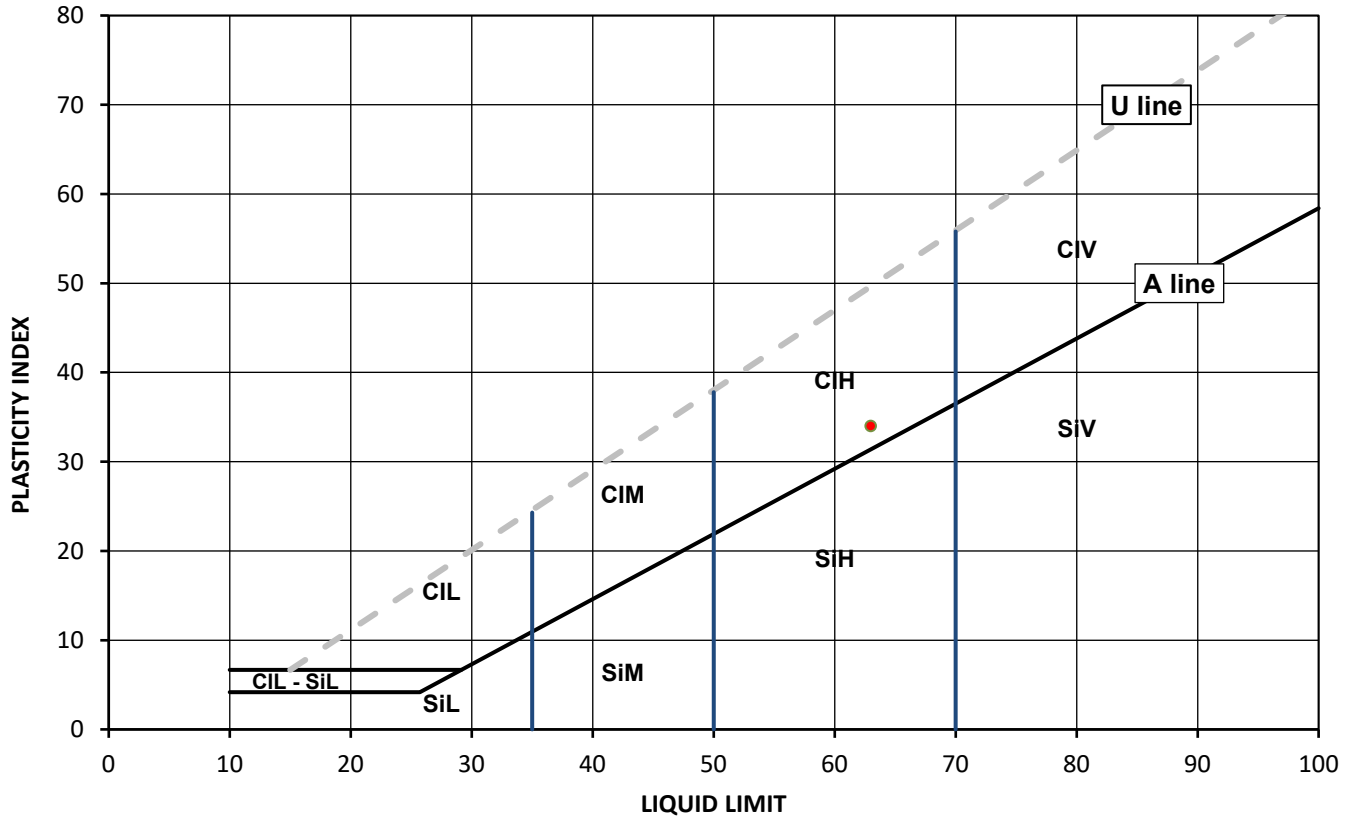
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Contact:	Matthew Shore	Date Tested:	07/11/2022
Site Address:	Maunt Road Gorton	Sampled By:	Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	2482184	Depth Top [m]:	1.70
Hole No.:	TP13	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Sample Description:	Dark brown slightly gravelly CLAY		
Sample Preparation:	Tested after >0.425mm removed by hand;		
Cone Type:	60g/60deg		

As Received Water Content [W] %	Corrected Liquid Limit [WL] %	Correlation Factor	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
40.3	63	1.018	29	34	99



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

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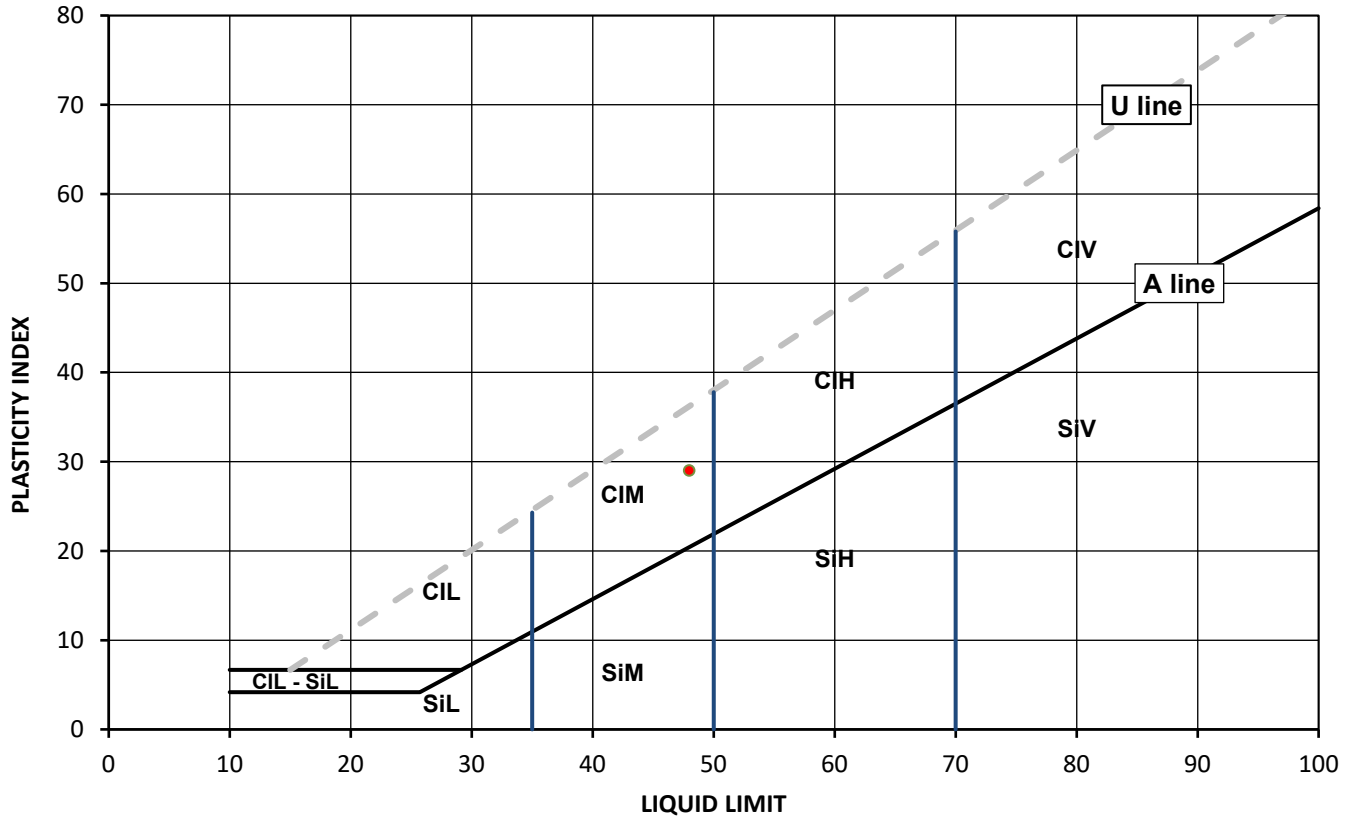
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Site Address:	Maunt Road Gorton	Sampled By:	Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	2482185	Depth Top [m]:	1.30
Hole No.:	TP23	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Sample Description:	Brownish grey slightly gravelly slightly sandy CLAY		
Sample Preparation:	Tested after >0.425mm removed by hand;		
Cone Type:	80g/30deg		

As Received Water Content [W] %	Corrected Liquid Limit [WL] %	Correlation Factor	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
23.8	48	1.000	19	29	99



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

Remarks:

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Signed:

Anna Dudzinska
PL Deputy Head of Reporting Team
for and on behalf of i2 Analytical Ltd

Date Reported: 10/11/2022

GF 360.10

TEST CERTIFICATE

DETERMINATION OF LIQUID AND PLASTIC LIMITS

Tested in Accordance with: BS EN ISO 17892-12:2018+A1:2021, Clause 5.3.14 and 5.5, Fall Cone Method, 1 Point Test

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

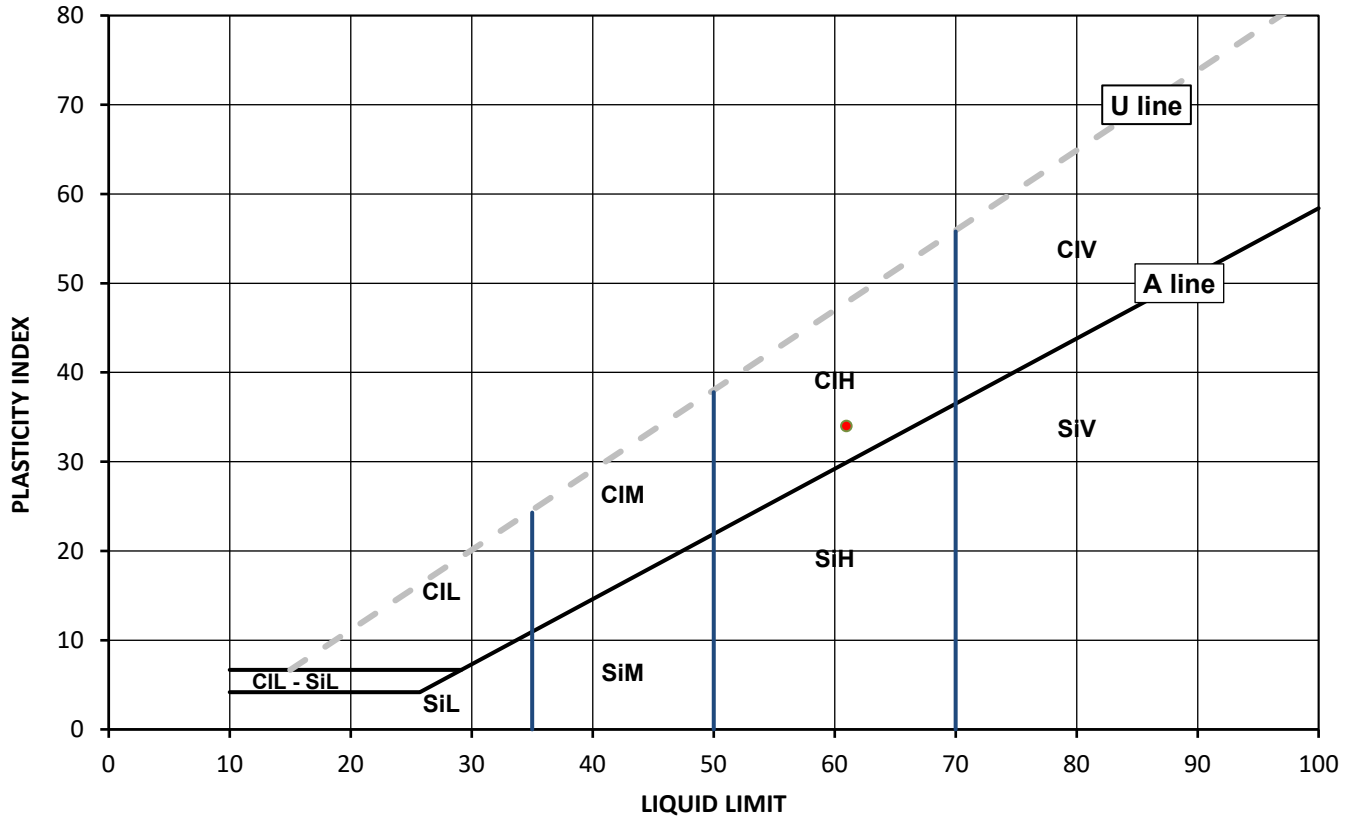
Client:	Brownfield Solutions Ltd	Client Reference:	C5150
Client Address:	William Smith House, 173 - 183 Witton Street, Northwich, Cheshire, CW9 5LP	Job Number:	22-93684
		Date Sampled:	14/10/2022
		Date Received:	25/10/2022
Contact:	Matthew Shore	Date Tested:	07/11/2022
Site Address:	Maunt Road Gorton	Sampled By:	Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	2482186	Depth Top [m]:	1.80
Hole No.:	TP32	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Sample Description:	Dark brown slightly gravelly CLAY		
Sample Preparation:	Tested after >0.425mm removed by hand;		
Cone Type:	80g/30deg		

As Received Water Content [W] %	Corrected Liquid Limit [WL] %	Correlation Factor	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
34.2	61	1.000	27	34	99



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

Remarks:

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Tested in Accordance with: BS EN ISO 17892-12:2018+A1:2021, Clause 5.3.14 and 5.5, Fall Cone Method, 1 Point Test

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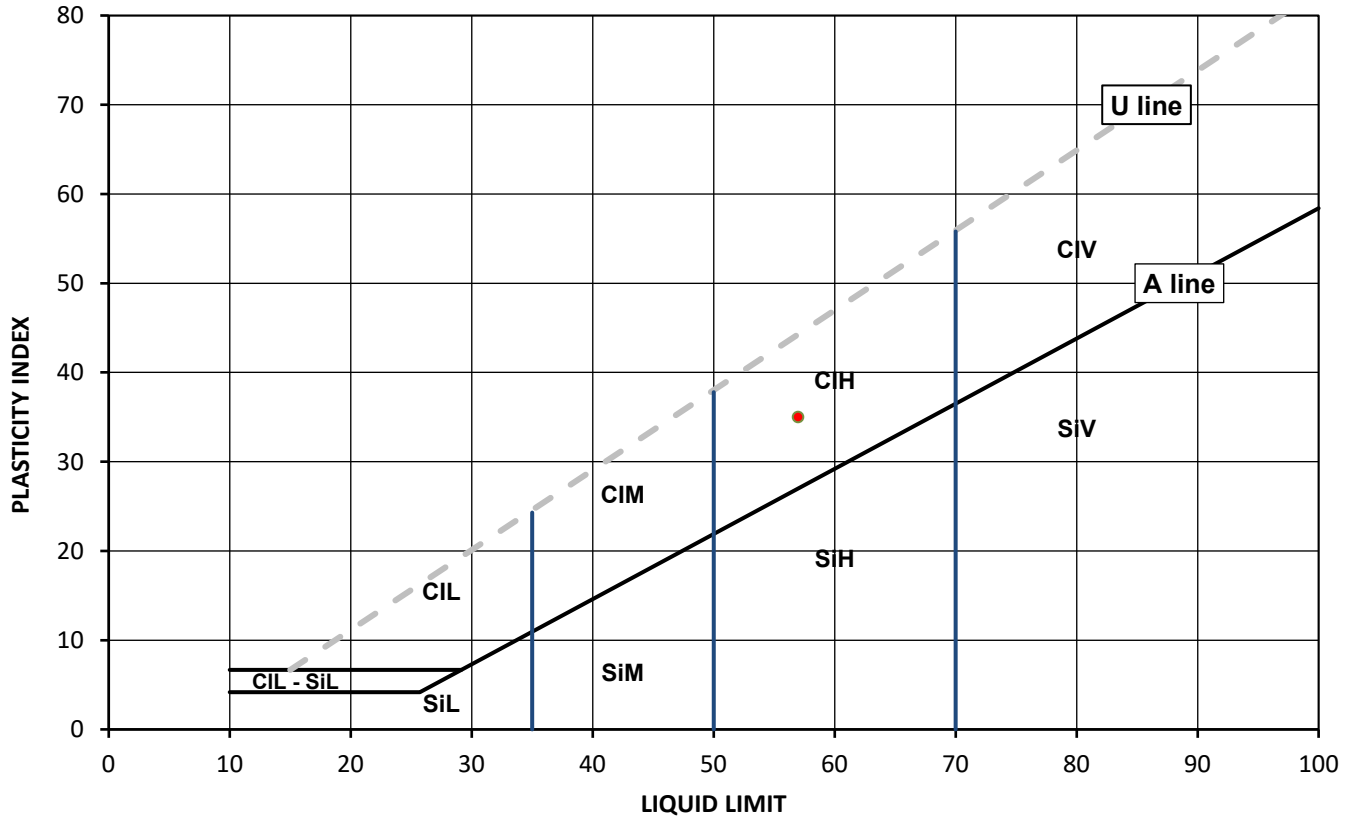
Client:	Brownfield Solutions Ltd	Client Reference:	C5150
Client Address:	William Smith House, 173 - 183 Witton Street, Northwich, Cheshire, CW9 5LP	Job Number:	22-93684
		Date Sampled:	18/10/2022
		Date Received:	25/10/2022
Contact:	Matthew Shore	Date Tested:	07/11/2022
Site Address:	Maunt Road Gorton	Sampled By:	Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	2482187	Depth Top [m]:	1.00
Hole No.:	TP37	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Sample Description:	Greyish brown slightly garvelly slightly sandy CLAY		
Sample Preparation:	Tested after >0.425mm removed by hand;		
Cone Type:	80g/30deg		

As Received Water Content [W] %	Corrected Liquid Limit [WL] %	Correlation Factor	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
28.1	57	1.055	22	35	97



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

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Tested in Accordance with: BS EN ISO 17892-12:2018+A1:2021, Clause 5.3.14 and 5.5, Fall Cone Method, 1 Point Test

i2 Analytical Ltd
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Northampton NN4 7EB

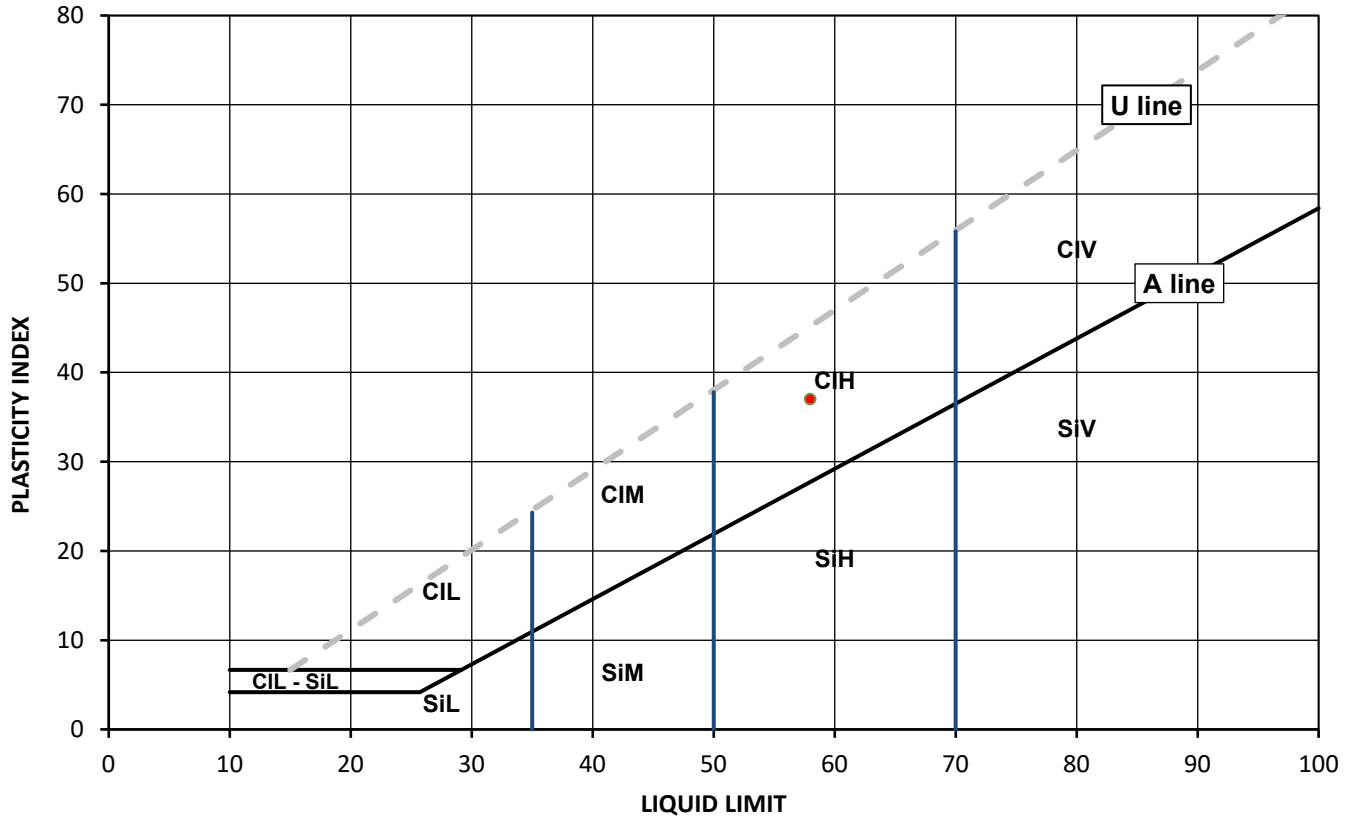
Client:	Brownfield Solutions Ltd	Client Reference:	C5150
Client Address:	William Smith House, 173 - 183 Witton Street, Northwich, Cheshire, CW9 5LP	Job Number:	22-93684
		Date Sampled:	18/10/2022
		Date Received:	25/10/2022
Contact:	Matthew Shore	Date Tested:	07/11/2022
Site Address:	Maunt Road Gorton	Sampled By:	Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test Results:

Laboratory Reference:	2482188	Depth Top [m]:	1.25
Hole No.:	TP40	Depth Base [m]:	Not Given
Sample Reference:	Not Given	Sample Type:	D
Sample Description:	Brown slightly gravelly slightly sandy CLAY		
Sample Preparation:	Tested after >0.425mm removed by hand;		
Cone Type:	80g/30deg		

As Received Water Content [W] %	Corrected Liquid Limit [WL] %	Correlation Factor	Plastic Limit [Wp] %	Plasticity Index [Ip] %	% Passing 425µm BS Test Sieve
26.7	58	0.984	21	37	99



Legend, based on BS EN ISO 14688 2:2018 Geotechnical investigation and testing – Identification and classification of soil

		Plasticity		Liquid Limit
Cl	Clay	L	Low	below 35
Si	Silt	M	Medium	35 to 50
		H	High	50 to 70
		V	Very high	exceeding 70
		O	Organic	append to classification for organic material (eg ClHO)

Note: Water Content by BS EN 17892-1: 2014; Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

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Date Reported: 10/11/2022

GF 360.10

SUMMARY REPORT

SUMMARY OF CLASSIFICATION TEST RESULTS

Tested in Accordance with:

W by BS EN 17892-1: 2014; Liquid and Plastic Limit by BS EN ISO 17892-12:2018+A1:2021: Clause 5.3 (4 Point Test), Clause 5.3.14 (1 Point Test) and 5.5; Correlation Factor by Clayton C.R.I and Jukes A.W (1978); PD by BS 1377-2: 1990: Clause 8.2

i2 Analytical Ltd
Unit 8 Harrowden Road
Brackmills Industrial Estate
Northampton NN4 7EB

4041

Client: Brownfield Solutions Ltd

Client Address: William Smith House, 173 - 183 Witton Street, Northwich, Cheshire, CW9 5LP

Contact: Matthew Shore

Site Address: Maunt Road Gorton

Client Reference: C5150
Job Number: 22-93684
Date Sampled: 10/10 - 18/10/2022
Date Received: 25/10/2022
Date Tested: 07/11/2022
Sampled By: Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test results

Laboratory Reference	Hole No.	Sample				Description	Remarks	W	Liquid & Plastic Limit						Density		
		Reference	Depth Top m	Depth Base m	Type			%	% Passing 425um %	WL* %	Correlation Factor	Wp %	Ip %	Cone type	Sample Preparation	bulk Mg/m3	dry Mg/m3	PD Mg/m3
2482184	TP13	Not Given	1.70	Not Given	D	Dark brown slightly gravelly CLAY	Atterberg 1 Point	40.3	99	63	1.018	29	34	60g/60 deg	N/A			
2482185	TP23	Not Given	1.30	Not Given	D	Brownish grey slightly gravelly slightly sandy CLAY	Atterberg 1 Point	23.8	99	48	1.000	19	29	80g/30 deg	N/A			
2482186	TP32	Not Given	1.80	Not Given	D	Dark brown slightly gravelly CLAY	Atterberg 1 Point	34.2	99	61	1.000	27	34	80g/30 deg	N/A			
2482187	TP37	Not Given	1.00	Not Given	D	Greyish brown slightly garvelly slightly sandy CLAY	Atterberg 1 Point	28.1	97	57	1.055	22	35	80g/30 deg	N/A			
2482188	TP40	Not Given	1.25	Not Given	D	Brown slightly gravelly slightly sandy CLAY	Atterberg 1 Point	26.7	99	58	0.984	21	37	80g/30 deg	N/A			
2482174	WS01	Not Given	0.50	Not Given	D	Brownish grey slightly sandy CLAY	Atterberg 1 Point	29.8	100	55	1.000	23	32	80g/30 deg	N/A			
2482175	WS02	Not Given	1.20	Not Given	D	Greyish brown slightly gravelly sandy CLAY	Atterberg 1 Point	18.9	93	42	1.001	18	24	80g/30 deg	N/A			
2482176	WS04	Not Given	1.20	Not Given	D	Greyish brown slightly gravelly sandy CLAY	Atterberg 1 Point	20.2	99		0.996	17	28	80g/30 deg	N/A			
2482177	WS06	Not Given	1.20	Not Given	D	Brown sandy CLAY	Atterberg 1 Point	22.9	100	43	1.000	18	25	80g/30 deg	N/A			
2482178	WS07	Not Given	0.75	Not Given	D	Greyish brown slightly gravelly sandy CLAY	Atterberg 1 Point	27.5	96	44	1.020	19	25	80g/30 deg	N/A			

Note: # Non accredited; NP - Non plastic; I - The water content in the sample was increased , D - The water content in the sample was decreased; * - One point liquid limit corrected as per the report Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

Comments:

Signed:

Anna Dudzinska
PL Deputy Head of Reporting Team
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Date Reported: 10/11/2022 **GF 361.10**

SUMMARY REPORT

SUMMARY OF CLASSIFICATION TEST RESULTS

Tested in Accordance with:

W by BS EN 17892-1: 2014; Liquid and Plastic Limit by BS EN ISO 17892-12:2018+A1:2021: Clause 5.3 (4 Point Test), Clause 5.3.14 (1 Point Test) and 5.5; Correlation Factor by Clayton C.R.I and Jukes A.W (1978); PD by BS 1377-2: 1990: Clause 8.2

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Northampton NN4 7EB

4041

Client: Brownfield Solutions Ltd

Client Address: William Smith House, 173 - 183 Witton Street, Northwich, Cheshire, CW9 5LP

Contact: Matthew Shore

Site Address: Maunt Road Gorton

Client Reference: C5150
Job Number: 22-93684
Date Sampled: 11/10/2022
Date Received: 25/10/2022
Date Tested: 07/11/2022
Sampled By: Not Given

Testing carried out at i2 Analytical Limited, ul. Pionierow 39, 41-711 Ruda Slaska, Poland

Test results

Laboratory Reference	Hole No.	Sample				Description	Remarks	W	Liquid & Plastic Limit							Density		
		Reference	Depth Top m	Depth Base m	Type			%	% Passing 425um %	WL* %	Correlation Factor	Wp %	Ip %	Cone type	Sample Preparation	bulk Mg/m3	dry Mg/m3	PD Mg/m3
2482179	WS08	Not Given	2.10	Not Given	D	Dark grey slightly gravelly slightly sandy CLAY	Atterberg 1 Point	38.7	97	49	0.984	21	28	80g/30 deg	N/A			
2482180	WS09	Not Given	2.30	Not Given	D	Brownish grey slightly gravelly slightly sandy CLAY	Atterberg 1 Point	21.5	99	47	1.020	20	27	80g/30 deg	N/A			
2482181	WS10	Not Given	1.40	Not Given	D	Greyish brown slightly gravelly slightly sandy CLAY	Atterberg 1 Point	35.2	98	46	0.984	21	25	80g/30 deg	N/A			
2482182	WS11	Not Given	3.00	Not Given	D	Greyish brown slightly gravelly sandy CLAY	Atterberg 1 Point	25.7	91	41	1.039	17	24	60g/60 deg	N/A			
2482183	WS12	Not Given	2.30	Not Given	D	Dark brown slightly gravelly slightly sandy CLAY	Atterberg 1 Point	23.8	98	45	0.968	19	26	60g/60 deg	N/A			

Note: # Non accredited; NP - Non plastic; I - The water content in the sample was increased , D - The water content in the sample was decreased; * - One point liquid limit corrected as per the report Correlation Factor by Clayton C.R.I and Jukes A.W (1978)

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Date Reported: 10/11/2022 **GF 361.10**

APPENDIX E

Monitoring Results

Ground Gas Monitoring Results

CLIENT:	Date	Operator	Analsyer	Weather Observations			Temp (°C)	Pressure Trend	Min Barometric Pressure (mb)	Notes
KELLEN HOMES LTD	28/10/2022	CGM	GFM 436	Sunny	Light breeze	Warm	19	Falling	998	
JOB NO.	09/11/2022	CGM	GFM 436	Sunny	Light breeze	Warm	14	Falling	989	
C5150	21/11/2022	CGM	GFM 436	Light rain	Windy	Cool	7	Falling	980	
SITE:	08/12/2022	CGM	GFM 5000	Sunny	No wind	Cold	0	Rising	1001	
MOUNT RD, GORTON	20/12/2022	CGM	GM5000	Sunny	No wind	Cool	6	Falling	993	
	03/01/2022	CGM	GM5000	Light rain	Light breeze	Cool	6	Falling	1003	

Notes: mb = milibars; CH_4 = methane; LEL = lower explosive limit = 5%v/v; CO_2 = carbon dioxide; O_2 = oxygen; CO=carbon monoxide; H_2S = hydrogen sulphide; TVOC= Total volatile organic compounds; PPM = parts per million. Where the flow is less than the limit of detection of the instrument, the detection limit is reported (Highlighted in green). Gas Screening Values (GSVs) are rounded to 3 decimal places. Calibration Records for analysers used availble on request.

Date	Time	Location	Response zone (m)	Pressures (mb)		Gas flows (l/hr)		CH_4 (%v/v)		CH_4 (%LEL)		CO_2 (%v/v)		O_2 (%v/v)		Other Gases (PPM)			Depth to Water (m)	Well Base (m)	Gas Screening Value (CH_4) (l/hr)	Gas Screening Value (CO_2) (l/hr)	Notes
				Atmospheric Pressure	Relative Well Pressure	Initial	Steady	Peak	Steady	Peak	Steady	Peak	Steady	Peak	Steady	CO	H_2S	TVOC (PID)					
				Summary Statistcs																			
		Max. values:		1003	0.0	100.2	0.1	0.1	0.1	2.0	2.0	3.9	2.3	22.2	21.3	10.0	0.0	0.0	4.0	5.0	0.000	0.004	
		Min. values:		980	0.0	-21.1	0.1	0.0	0.1	0.0	0.1	0.0	0.1	10.4	17.1	0.0	0.0	0.0	0.4	1.3	0.000	0.000	
				Worst-case GSVs based on maximum recorded steady flow and maximum individual peak concentrations:																	0.000	0.004	
28/10/2022	PM	Ambient		998				0.0		0.0		0.0		20.5		0.0	0.0						
		WS01	1.00 - 5.00		0.0	0.1	0.1	0.1	0.1	2.0	2.0	1.0	0.2	19.5	20.3	0.0	0.0	N/A	2.05	4.90	0.000	0.001	
		WS02	1.00 - 5.00		0.0	0.1	0.1	0.1	0.1	2.0	2.0	2.4	0.9	15.4	18.6	10.0	0.0	N/A	1.88	4.88	0.000	0.002	
		WS03	1.00 - 4.00		0.0	0.1	0.1	0.1	0.1	2.0	2.0	0.7	0.2	19.6	20.2	0.0	0.0	N/A	1.39	4.00	0.000	0.001	
		WS04	1.00 - 5.00		0.0	N/A	0.1	N/A	0.1		2.0	N/A	0.1	N/A	20.8	0.0	0.0	N/A	0.83	4.95			Bung tampered with. No peak readings available.
		WS06	1.00 - 5.00		0.0	0.1	0.1	0.1	0.1	2.0	2.0	2.2	0.9	19.1	19.8	0.0	0.0	N/A	4.01	4.96	0.000	0.002	
		WS07	1.00 - 4.00		0.0	-21.1	0.1	0.1	0.1	2.0	2.0	0.5	0.1	20.3	20.6	0.0	0.0	N/A	1.10	4.00	0.000	0.001	
		WS08	1.00 - 2.00		0.0	0.1	0.1	0.1	0.1	2.0	2.0	1.2	1.4	19.5	19.6	0.0	0.0	N/A	1.51	1.61	0.000	0.001	
		WS09	1.00 - 2.00		0.0	0.1	0.1	0.1	0.1	2.0	2.0	1.5	1.5	19.5	19.5	0.0	0.0	N/A	NGW	1.65	0.000	0.002	
		WS10	1.00 - 2.00		0.0	0.1	0.1	0.1	0.1	2.0	2.0	1.7	1.6	18.8	18.9	0.0	0.0	N/A	1.32	1.41	0.000	0.002	
		WS11	1.00 - 2.50		0.0	0.1	0.1	0.1	0.1	2.0	2.0	2.6	1.4	18.2	19.4	0.0	0.0	N/A	1.26	1.89	0.000	0.003	
		WS12	1.00 - 2.00		0.0	N/A	0.1	N/A	0.1		2.0	/	0.6	N/A	18.7	0.0	0.0	N/A	NGW	1.28			Hole vandalised, bung removed. No peak readings available.
28/10/2022	PM	Ambient		998																			
09/11/2022	PM	Ambient		991				0.1		2.0		0.1		22.2		0.0	0.0						
		WS01	1.00 - 5.00			0.1	0.1	0.1	0.1	0.1	0.1	0.7	0.3	19.2	20.6	0	0	N/A	2.12	4.95	0.000	0.001	
		WS02	1.00 - 5.00			0.2	0.1	0.1	0.1	0.1	2.0	2.4	2.1	17.9	18.3	0.0	0.0	N/A	1.59	4.89	0.000	0.002	
		WS03	1.00 - 4.00			73.2	0.1	0.1	0.1	2.0	2.0	0.7	0.2	18.1	20.1	0.0	0.0	N/A	1.38	4.03	0.000	0.001	
		WS04	1.00 - 5.00			35.1	0.1	0.1	0.1	2.0	2.0	0.6	0.1	19.9	20.5	0.0	0.0	N/A	0.69	4.76	0.000	0.001	
		WS06	1.00 - 5.00			0.1	0.1	0.1	0.1	2.0	2.0	1.4	0.5	20.2	20.4	0.0	0.0	N/A	1.81	4.91	0.000	0.001	
		WS07	1.00 - 4.00			82.5	0.1	0.1	0.1	2.0	2.0	0.7	0.1	20.1	20.7	0.0	0.0	N/A	0.99	3.94	0.000	0.001	
		WS08	1.00 - 2.00			0.1	0.1	0.1	0.1	2.0	2.0	1.2	0.1	19.6	20.7	0.0	0.0	N/A	1.86	2.10	0.000	0.001	
		WS09	1.00 - 2.00			0.1	0.1	0.1	0.1	2.0	2.0	1.5	1.4	19.5	19.7	0.0	0.0	N/A	NGW	2.10	0.000	0.002	
		WS10	1.00 - 2.00			0.1	0.1	0.1	0.1	2.0	2.0	0.6	0.6	20.2	19.1	10.0	0.0	N/A	1.41	2.00	0.000	0.001	
		WS11	1.00 - 2.50			0.1	0.1	0.1	0.1	2.0	2.0	2.4	1.2	18.5	19.5	0.0	0.0	N/A	2.04	2.63	0.000	0.002	
		WS12	1.00 - 2.00			0.1	0.1	0.1	0.1	2.0	2.0	1.8	0.1	18.3	20.6	0.0	0.0	N/A	NGW	2.05	0.000	0.002	
09/11/2022	PM	Ambient		989																			

Ground Gas Monitoring Results

Date	Time	Location	Response zone (m)	Pressures (mb)		Gas flows (l/hr)		CH_4 (%v/v)		CH_4 (%LEL)		CO_2 (%v/v)		O_2 (%v/v)		Other Gases (PPM)			Depth to Water (m)	Well Base (m)	Gas Screening Value (CH_4) (l/hr)	Gas Screening Value (CO_2) (l/hr)	Notes
				Atmospheric Pressure	Relative Well Pressure	Initial	Steady	Peak	Steady	Peak	Steady	Peak	Steady	Peak	Steady	CO	H_2S	TVOC (PID)					
21/11/2022	AM	Ambient		986				0.1	0.1	2.0	2.0	0.1		21.0		0.0	0.0						
		WS01	1.00 - 5.00			100.2	0.1	0.1	0.1	2.0	2.0	0.7	0.2	20.8	21.1	0.0	0.0	N/A	0.97	4.90	0.000	0.001	
		WS02	1.00 - 5.00			95.2	0.1	0.1	0.1	2.0	2.0	2.7	0.6	17.7	21.3	0.0	0.0	N/A	1.30	4.90	0.000	0.003	
		WS03	1.00 - 4.00			40.5	0.1	0.1	0.1	2.0	2.0	0.8	0.3	16.4	19.6	0.0	0.0	N/A	0.94	4.00	0.000	0.001	
		WS04	1.00 - 5.00			15.8	0.1	0.1	0.1	2.0	2.0	0.7	0.2	19.3	20.4	0.0	0.0	N/A	0.52	4.95	0.000	0.001	
		WS06	1.00 - 5.00			62.4	0.1	0.1	0.1	2.0	2.0	1.5	0.5	19.5	20.4	0.0	0.0	N/A	0.99	4.89	0.000	0.002	
		WS07	1.00 - 4.00			54.4	0.1	0.1	0.1	2.0	2.0	0.6	0.2	20.0	20.5	0.0	0.0	N/A	0.81	4.00	0.000	0.001	
		WS08	1.00 - 2.00			0.1	0.1	0.1	0.1	2.0	2.0	1.6	1.3	19.1	19.3	0.0	0.0	N/A	1.76	2.05	0.000	0.002	
		WS09	1.00 - 2.00			0.1	0.1	0.1	0.1	2.0	2.0	1.6	0.1	18.9	20.4	0.0	0.0	N/A	1.97	2.01	0.000	0.002	
		WS10	1.00 - 2.00			0.1	0.1	0.1	0.1	2.0	2.0	1.4	0.1	19.0	20.3	0.0	0.0	N/A	1.30	1.96	0.000	0.001	
		WS11	1.00 - 2.50			0.1	0.1	0.1	0.1	2.0	2.0	2.5	0.1	18.3	20.3	0.0	0.0	N/A	1.96	2.60	0.000	0.003	
		WS12	1.00 - 2.00			0.1	0.1	0.1	0.1	2.0	2.0	2.6	0.1	17.2	20.1	0.0	0.0	N/A	1.94	2.02	0.000	0.003	
21/11/2022	AM	Ambient		980				0.1	0.1	2.0	2.0	0.1		21.1		0.0	0.0						
08/12/2022	AM	Ambient		1001				0.1		2.0		0.2		20.7			0.0						
		WS01	1.00 - 5.00			0.1	0.1	0.1	0.1	2.0	2.0	1.3	0.6	19.0	20.1	N/A	0.0	N/A	2.10	4.94	0.000	0.001	
		WS02	1.00 - 5.00			0.1	0.1	0.1	0.1	2.0	2.0	3.5	2.1	10.4	17.1	N/A	0.0	N/A	1.63	4.90	0.000	0.004	
		WS03	1.00 - 4.00			0.1	0.1	0.1	0.1	2.0	2.0	3.2	2.3	16.2	19.6	N/A	0.0	N/A	1.22	4.00	0.000	0.003	
		WS04	1.00 - 5.00			0.1	0.1	0.1	0.1	2.0	2.0	0.9	0.3	18.1	20.0	N/A	0.0	N/A	0.48	4.80	0.000	0.001	
		WS06	1.00 - 5.00			0.1	0.1	0.1	0.1	2.0	2.0	2.0	1.1	19.9	20.2	N/A	0.0	N/A	1.69	4.91	0.000	0.002	
		WS07	1.00 - 4.00			0.1	0.1	0.1	0.1	2.0	2.0	0.8	0.3	20.9	21.0	N/A	0.0	N/A	0.86	4.00	0.000	0.001	
		WS08	1.00 - 2.00			0.1	0.1	0.1	0.1	2.0	2.0	2.1	0.8	20.1	20.4	N/A	0.0	N/A	1.71	2.10	0.000	0.002	
		WS09	1.00 - 2.00			0.1	0.1	0.1	0.1	2.0	2.0	2.0	1.6	20.1	20.2	N/A	0.0	N/A	NGW	2.10	0.000	0.002	
		WS10	1.00 - 2.00			0.1	0.1	0.1	0.1	2.0	2.0	1.5	0.6	20.4	20.6	N/A	0.0	N/A	1.40	2.00	0.000	0.002	
		WS11	1.00 - 2.50			0.1	0.1	0.1	0.1	2.0	2.0	2.9	1.3	19.4	19.9	N/A	0.0	N/A	2.01	2.65	0.000	0.003	
		WS12	1.00 - 2.00			0.1	0.1	0.1	0.1	2.0	2.0	3.4	1.6	18.1	19.5	N/A	0.0	N/A	NGW	2.00	0.000	0.003	
08/12/2022	AM	Ambient		1001				0.1		2.0		0.2		20.7			0.0						
20/12/2022	AM	Ambient		993				0.1		2.0		0.1		20.8			0.0						
		WS01	1.00 - 5.00			0.1	0.1	0.1	0.1	2.0	2.0	2.1	0.8	15.2	19.1	N/A	0.0	N/A	0.35	4.90	0.000	0.002	
		WS02	1.00 - 5.00			0.1	0.1	0.1	0.1	2.0	2.0	2.2	1.0	10.8	18.6	N/A	0.0	N/A	0.80	4.90	0.000	0.002	
		WS03	1.00 - 4.00			0.1	0.1	0.1	0.1	2.0	2.0	2.9	0.5	16.2	19.7	N/A	0.0	N/A	0.96	4.00	0.000	0.003	
		WS04	1.00 - 5.00			0.1	0.1	0.1	0.1	2.0	2.0	1.2	0.4	19.1	20.1	N/A	0.0	N/A	0.50	4.92	0.000	0.001	
		WS06	1.00 - 5.00			0.1	0.1	0.1	0.1	2.0	2.0	1.3	0.2	19.8	20.6	N/A	0.0	N/A	0.98	4.90	0.000	0.001	
		WS07	1.00 - 4.00			0.1	0.1	0.1	0.1	2.0	2.0	0.6	0.1	20.6	20.8	N/A	0.0	N/A	1.13	4.00	0.000	0.001	
		WS08	1.00 - 2.00			0.1	0.1	0.1	0.1	2.0	2.0	1.7	0.6	20.1	20.6	N/A	0.0	N/A	1.97	2.04	0.000	0.002	
		WS09	1.00 - 2.00			0.1	0.1	0.1	0.1	2.0	2.0	1.5	0.3	20.1	20.5	N/A	0.0	N/A	1.85	2.06	0.000	0.002	
		WS10	1.00 - 2.00			0.1	0.1	0.1	0.1	2.0	2.0	1.4	0.7	19.9	20.4	N/A	0.0	N/A	1.45	2.00	0.000	0.001	
		WS11	1.00 - 2.50			0.1	0.1	0.1	0.1	2.0	2.0	2.5	1.1	19.7	20.1	N/A	0.0	N/A	2.01	2.57	0.000	0.003	
		WS12	1.00 - 2.00			0.1	0.1	0.1	0.1	2.0	2.0	2.8	0.9	18.1	20.1	N/A	0.0	N/A	1.95	2.04	0.000	0.003	
20/12/2022	AM	Ambient		993				0.1		2.0		0.1		20.8			0.0						
03/01/2022	AM	Ambient		1003				0.1		2.0		0.1		20.3			0.0						
		WS01	1.00 - 5.00			0.1	0.1	0.1	0.1	2.0	2.0	2.0	0.9	16.1	19.5	N/A	0.0	N/A	0.47	4.90	0.000	0.002	
		WS02	1.00 - 5.00			0.1	0.1	0.1	0.1	2.0	2.0	3.9	1.6	15.0	19.4	N/A	0.0	N/A	0.60	4.90	0.000	0.004	
		WS03	1.00 - 4.00			0.1	0.1	0.1	0.1	2.0	2.0	2.6	1.0	16.8	19.3	N/A	0.0	N/A	0.60	4.00	0.000	0.003	
		WS04	1.00 - 5.00			0.1	0.1	0.1	0.1	2.0	2.0	1.1	0.4	18.4	19.6	N/A	0.0	N/A	0.66	4.94	0.000	0.001	
		WS06	1.00 - 5.00			0.1	0.1	0.1	0.1	2.0	2.0	0.8	0.2	19.8	20.1	N/A	0.0	N/A	0.58	4.52	0.000	0.001	
		WS07	1.00 - 4.00			0.1	0.1	0.1	0.1	2.0	2.0	0.6	0.1	19.9	20.2	N/A	0.0	N/A	0.88	4.04	0.000	0.001	
		WS08	1.00 - 2.00			0.1	0.1	0.1	0.1	2.0	2.0	1.2	0.3	19.4	19.8	N/A	0.0	N/A	1.75	2.07	0.000	0.001	
		WS09	1.00 - 2.00			0.1	0.1	0.1	0.1	2.0	2.0	0.1	0.1	20.0	20.2	N/A	0.0	N/A	1.96	2.06	0.000	0.000	
		WS10	1.00 - 2.00			0.1	0.1	0.1	0.1	2.0	2.0	1.6	0.3	19.4	20.1	N/A	0.0	N/A	1.24	1.95	0.000	0.002	
		WS11	1.00 - 2.50			0.1	0.1	0.1	0.1	2.0	2.0	2.5	0.6	19.5	20.1	N/A	0.0	N/A	1.94	2.58	0.000	0.003	
		WS12	1.00 - 2.00			0.1	0.1	0.1	0.1	2.0	2.0	0.1	0.1	18.9	19.4	N/A	0.0	N/A	1.94	2.02	0.000	0.000	
03/01/2022	AM	Ambient		1003				0.1		2.0		0.1		20.3			0.0						

APPENDIX F

Waste Assessment Report

BROWNFIELD SOLUTIONS LTD

HazWasteOnline™

Waste Classification Report

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

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

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

RS9NG-9WOQC-EYN39

Job name

C5150 Mount Road Gorton Made Ground

Description/Comments

Project

C5150

Site

Mount Road, Gorton

Classified by

Name:
Jack Mather
Date:
12 Jun 2023 15:53 GMT
Telephone:
01606334844

Company:
Brownfield Solutions Limited
173-183 Witton Street
Northwich
CW9 5LP

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

HazWasteOnline™ Certification: **CERTIFIED**

Course	Date
Hazardous Waste Classification	09 Feb 2023

Next 3 year Refresher due by Feb 2026

Purpose of classification

2 - Material Characterisation

Address of the waste

Mount Road, Gorton **Post Code** M18 7SU

SIC for the process giving rise to the waste

41100 Development of building projects

Description of industry/producer giving rise to the waste

Construction, residential.

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

Excess arisings from road, drainage and foundation excavations.

Description of the waste

"Made ground - sandy gravel / gravelly sand. Gravel of brick, clinker, slag, metal, wood, ceramic, glass and mudstone."

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	WS01	0.1	Non Hazardous		3
2	WS02	0.25-0.35	Non Hazardous		5
3	WS04	0.30-0.50	Hazardous	HP 14	7
4	WS05	0.30-0.60	Non Hazardous		9
5	WS06	0.30-0.60	Non Hazardous		11
6	WS07	0.40-0.60	Hazardous	HP 14	13
7	WS08	0.30-0.60	Non Hazardous		15
8	WS09	0.30-0.60	Hazardous	HP 7, HP 11	17
9	WS11	0.20-0.40	Non Hazardous		20
10	WS12	0.30-0.60	Non Hazardous		22
11	TP03	0.05-0.10	Non Hazardous		24
12	TP05	0.10-0.20	Non Hazardous		26
13	TP08	0.30-0.40	Non Hazardous		28
14	TP10	0.30-0.60	Non Hazardous		30
15	TP12	0.30-0.45	Non Hazardous		32
16	TP13	0.30-0.60	Non Hazardous		34
17	TP14	0.30-0.60	Non Hazardous		36
18	TP17	0.30-0.60	Non Hazardous		38
19	TP20	0.30-0.60	Non Hazardous		40
20	TP21	0.30-0.60	Non Hazardous		42
21	TP25	0.30-0.60	Non Hazardous		44
22	TP27	0.30-0.60	Non Hazardous		46
23	TP28	0.30-0.60	Non Hazardous		48
24	TP29	0.30-0.60	Non Hazardous		50
25	TP31	0.30-0.60	Non Hazardous		52
26	TP34	0.30-0.60	Non Hazardous		54
27	TP35	0.30-0.60	Non Hazardous		56
28	TP36	0.30-0.60	Non Hazardous		58
29	TP37	0.30-0.60	Non Hazardous		60
30	TP40	0.30-0.60	Non Hazardous		62
31	TP23	0.30-0.60	Non Hazardous		64
32	TP32	0.30-0.60	Non Hazardous		66

Related documents

#	Name	Description
1	BSL Suite	waste stream template used to create this Job

Report

Created by: Jack Mather

Created date: 12 Jun 2023 15:53 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	68
Appendix B: Rationale for selection of metal species	69
Appendix C: Version	69

Classification of sample: WS01

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

Sample details

Sample name:
WS01
Sample Depth:
0.1 m
Moisture content:
34%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 34% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.1	pH		6.1	pH	6.1 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		35	mg/kg	1.32	30.5	mg/kg	0.00305 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	3.8	mg/kg	1.285	3.223	mg/kg	0.000251 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		190	mg/kg	1.462	183.279	mg/kg	0.0183 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		140	mg/kg	1.126	104.032	mg/kg	0.0104 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	520	mg/kg		343.2	mg/kg	0.0343 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.4	mg/kg	1.353	1.251	mg/kg	0.000125 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		29	mg/kg	1.579	30.232	mg/kg	0.00302 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		460	mg/kg	1.245	377.895	mg/kg	0.0378 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
13	acenaphthylene		205-917-1	208-96-8		1.2	mg/kg		0.792	mg/kg	0.0000792 %	✓	
14	acenaphthene		201-469-6	83-32-9		7	mg/kg		4.62	mg/kg	0.000462 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				3.8	mg/kg		2.508	mg/kg	0.000251 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				58	mg/kg		38.28	mg/kg	0.00383 %	✓	
			201-581-5	85-01-8									
17		anthracene				17	mg/kg		11.22	mg/kg	0.00112 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				120	mg/kg		79.2	mg/kg	0.00792 %	✓	
			205-912-4	206-44-0									
19		pyrene				110	mg/kg		72.6	mg/kg	0.00726 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				60	mg/kg		39.6	mg/kg	0.00396 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				56	mg/kg		36.96	mg/kg	0.0037 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				65	mg/kg		42.9	mg/kg	0.00429 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				24	mg/kg		15.84	mg/kg	0.00158 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				56	mg/kg		36.96	mg/kg	0.0037 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				25	mg/kg		16.5	mg/kg	0.00165 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				7.7	mg/kg		5.082	mg/kg	0.000508 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				27	mg/kg		17.82	mg/kg	0.00178 %	✓	
			205-883-8	191-24-2									
										Total:	0.15 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS02

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

Sample details

Sample name:
WS02
Sample Depth:
0.25-0.35 m
Moisture content:
19%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 19% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.4	pH		7.4	pH	7.4 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		14	mg/kg	1.32	14.972	mg/kg	0.0015 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		28	mg/kg	1.462	33.148	mg/kg	0.00331 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		36	mg/kg	1.126	32.831	mg/kg	0.00328 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	72	mg/kg		58.32	mg/kg	0.00583 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		25	mg/kg	1.579	31.985	mg/kg	0.0032 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		76	mg/kg	1.245	76.625	mg/kg	0.00766 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		0.21	mg/kg		0.17	mg/kg	0.000017 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.09	mg/kg		0.0729	mg/kg	0.00000729 %	✓	
14	acenaphthene		201-469-6	83-32-9		1.4	mg/kg		1.134	mg/kg	0.000113 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				1	mg/kg		0.81	mg/kg	0.000081 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				11	mg/kg		8.91	mg/kg	0.000891 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				2.6	mg/kg		2.106	mg/kg	0.000211 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				17	mg/kg		13.77	mg/kg	0.00138 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				16	mg/kg		12.96	mg/kg	0.0013 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				8.3	mg/kg		6.723	mg/kg	0.000672 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				7.2	mg/kg		5.832	mg/kg	0.000583 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				9.4	mg/kg		7.614	mg/kg	0.000761 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				3.8	mg/kg		3.078	mg/kg	0.000308 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				8.1	mg/kg		6.561	mg/kg	0.000656 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				3.9	mg/kg		3.159	mg/kg	0.000316 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				1.1	mg/kg		0.891	mg/kg	0.0000891 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				4.5	mg/kg		3.645	mg/kg	0.000365 %	✓	
			205-883-8	191-24-2									
										Total:	0.033 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS04

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

Sample details

Sample name:
WS04
Sample Depth:
0.30-0.50 m
Moisture content:
20%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Hazard Statements hit:

Aquatic Chronic 1; H410 "Very toxic to aquatic life with long lasting effects."

Because of determinands:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.28%)
zinc oxide: (compound conc.: 0.229%)

Determinands

Moisture content: 20% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.9	pH		7.9	pH	7.9 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		120	mg/kg	1.32	126.751	mg/kg	0.0127 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		67	mg/kg	1.462	78.339	mg/kg	0.00783 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		1000	mg/kg	1.126	900.711	mg/kg	0.0901 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	3500	mg/kg		2800	mg/kg	0.28 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		120	mg/kg	1.579	151.632	mg/kg	0.0152 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
11		zinc { zinc oxide }				2300	mg/kg	1.245	2290.274	mg/kg	0.229 %	✓	
		030-013-00-7	215-222-5	1314-13-2									
12		naphthalene				3.3	mg/kg		2.64	mg/kg	0.000264 %	✓	
		601-052-00-2	202-049-5	91-20-3									
13		acenaphthylene				0.3	mg/kg		0.24	mg/kg	0.000024 %	✓	
			205-917-1	208-96-8									
14		acenaphthene				7.6	mg/kg		6.08	mg/kg	0.000608 %	✓	
			201-469-6	83-32-9									
15		fluorene				5.4	mg/kg		4.32	mg/kg	0.000432 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				37	mg/kg		29.6	mg/kg	0.00296 %	✓	
			201-581-5	85-01-8									
17		anthracene				11	mg/kg		8.8	mg/kg	0.00088 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				45	mg/kg		36	mg/kg	0.0036 %	✓	
			205-912-4	206-44-0									
19		pyrene				37	mg/kg		29.6	mg/kg	0.00296 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				19	mg/kg		15.2	mg/kg	0.00152 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				16	mg/kg		12.8	mg/kg	0.00128 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				19	mg/kg		15.2	mg/kg	0.00152 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				6.1	mg/kg		4.88	mg/kg	0.000488 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				14	mg/kg		11.2	mg/kg	0.00112 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				7.1	mg/kg		5.68	mg/kg	0.000568 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				2.2	mg/kg		1.76	mg/kg	0.000176 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				8.3	mg/kg		6.64	mg/kg	0.000664 %	✓	
			205-883-8	191-24-2									
										Total:	0.654 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS05

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

Sample details

Sample name:
WS05
Sample Depth:
0.30-0.60 m
Moisture content:
18%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 18% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.4	pH		7.4	pH	7.4 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		190	mg/kg	1.32	205.707	mg/kg	0.0206 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		52	mg/kg	1.462	62.321	mg/kg	0.00623 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		1100	mg/kg	1.126	1015.551	mg/kg	0.102 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	350	mg/kg		287	mg/kg	0.0287 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		130	mg/kg	1.579	168.375	mg/kg	0.0168 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		380	mg/kg	1.245	387.853	mg/kg	0.0388 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		0.54	mg/kg		0.443	mg/kg	0.0000443 %	✓	
13	acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
14	acenaphthene		201-469-6	83-32-9		0.82	mg/kg		0.672	mg/kg	0.0000672 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				0.47	mg/kg		0.385	mg/kg	0.0000385 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				6	mg/kg		4.92	mg/kg	0.000492 %	✓	
			201-581-5	85-01-8									
17		anthracene				1.2	mg/kg		0.984	mg/kg	0.0000984 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				8.1	mg/kg		6.642	mg/kg	0.000664 %	✓	
			205-912-4	206-44-0									
19		pyrene				7.6	mg/kg		6.232	mg/kg	0.000623 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				4	mg/kg		3.28	mg/kg	0.000328 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				3.6	mg/kg		2.952	mg/kg	0.000295 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				3.8	mg/kg		3.116	mg/kg	0.000312 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				1.8	mg/kg		1.476	mg/kg	0.000148 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				3.5	mg/kg		2.87	mg/kg	0.000287 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				1.8	mg/kg		1.476	mg/kg	0.000148 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				0.54	mg/kg		0.443	mg/kg	0.0000443 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				1.9	mg/kg		1.558	mg/kg	0.000156 %	✓	
			205-883-8	191-24-2									
										Total:	0.217 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS06

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

Sample details

Sample name:
WS06
Sample Depth:
0.30-0.60 m
Moisture content:
22%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 22% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.9	pH		6.9	pH	6.9 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		180	mg/kg	1.32	185.374	mg/kg	0.0185 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		53	mg/kg	1.462	60.421	mg/kg	0.00604 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		740	mg/kg	1.126	649.863	mg/kg	0.065 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	580	mg/kg		452.4	mg/kg	0.0452 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		120	mg/kg	1.579	147.841	mg/kg	0.0148 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		620	mg/kg	1.245	601.944	mg/kg	0.0602 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		0.78	mg/kg		0.608	mg/kg	0.0000608 %	✓	
13	acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
14	acenaphthene		201-469-6	83-32-9		4.4	mg/kg		3.432	mg/kg	0.000343 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				2.4	mg/kg		1.872	mg/kg	0.000187 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				30	mg/kg		23.4	mg/kg	0.00234 %	✓	
			201-581-5	85-01-8									
17		anthracene				6.8	mg/kg		5.304	mg/kg	0.00053 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				43	mg/kg		33.54	mg/kg	0.00335 %	✓	
			205-912-4	206-44-0									
19		pyrene				39	mg/kg		30.42	mg/kg	0.00304 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				19	mg/kg		14.82	mg/kg	0.00148 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				18	mg/kg		14.04	mg/kg	0.0014 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				22	mg/kg		17.16	mg/kg	0.00172 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				9.5	mg/kg		7.41	mg/kg	0.000741 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				20	mg/kg		15.6	mg/kg	0.00156 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				10	mg/kg		7.8	mg/kg	0.00078 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				2.8	mg/kg		2.184	mg/kg	0.000218 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				11	mg/kg		8.58	mg/kg	0.000858 %	✓	
			205-883-8	191-24-2									
28		TPH (C6 to C40) petroleum group				352	mg/kg		274.56	mg/kg	0.0275 %	✓	
				TPH									
										Total:	0.256 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The absence of a free draining liquid and the relatively low concentrations of short-chain hydrocarbons reported indicates that this hazard property is not applicable to this waste.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0275%)

Classification of sample: WS07

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

Sample details

Sample name:
WS07
Sample Depth:
0.40-0.60 m
Moisture content:
20%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Hazard Statements hit:

Aquatic Chronic 1; H410 "Very toxic to aquatic life with long lasting effects."

Because of determinands:

dicopper oxide; copper (I) oxide: (compound conc.: 0.18%)
lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.136%)
zinc oxide: (compound conc.: 0.159%)

Determinands

Moisture content: 20% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.2 pH		7.2 pH	7.2 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		130 mg/kg	1.32	137.314 mg/kg	0.0137 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		51 mg/kg	1.462	59.631 mg/kg	0.00596 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		2000 mg/kg	1.126	1801.421 mg/kg	0.18 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1700 mg/kg		1360 mg/kg	0.136 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		84 mg/kg	1.579	106.142 mg/kg	0.0106 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
11		zinc { zinc oxide }				1600	mg/kg	1.245	1593.234	mg/kg	0.159 %	✓	
		030-013-00-7	215-222-5	1314-13-2									
12		naphthalene				2.9	mg/kg		2.32	mg/kg	0.000232 %	✓	
		601-052-00-2	202-049-5	91-20-3									
13		acenaphthylene				0.28	mg/kg		0.224	mg/kg	0.0000224 %	✓	
			205-917-1	208-96-8									
14		acenaphthene				7.8	mg/kg		6.24	mg/kg	0.000624 %	✓	
			201-469-6	83-32-9									
15		fluorene				4.4	mg/kg		3.52	mg/kg	0.000352 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				36	mg/kg		28.8	mg/kg	0.00288 %	✓	
			201-581-5	85-01-8									
17		anthracene				10	mg/kg		8	mg/kg	0.0008 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				49	mg/kg		39.2	mg/kg	0.00392 %	✓	
			205-912-4	206-44-0									
19		pyrene				41	mg/kg		32.8	mg/kg	0.00328 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				25	mg/kg		20	mg/kg	0.002 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				20	mg/kg		16	mg/kg	0.0016 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				24	mg/kg		19.2	mg/kg	0.00192 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				10	mg/kg		8	mg/kg	0.0008 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				18	mg/kg		14.4	mg/kg	0.00144 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				10	mg/kg		8	mg/kg	0.0008 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				3.1	mg/kg		2.48	mg/kg	0.000248 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				11	mg/kg		8.8	mg/kg	0.00088 %	✓	
			205-883-8	191-24-2									
										Total:	0.528 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS08

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

Sample details

Sample name:
WS08
Sample Depth:
0.30-0.60 m
Moisture content:
14%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.6 pH		6.6 pH	6.6 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		160 mg/kg	1.32	181.677 mg/kg	0.0182 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		42 mg/kg	1.462	52.791 mg/kg	0.00528 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		1300 mg/kg	1.126	1258.743 mg/kg	0.126 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	640 mg/kg		550.4 mg/kg	0.055 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		140 mg/kg	1.579	190.172 mg/kg	0.019 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		400 mg/kg	1.245	428.182 mg/kg	0.0428 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
13	acenaphthylene		205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
14	acenaphthene		201-469-6	83-32-9		3.4 mg/kg		2.924 mg/kg	0.000292 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				1.7	mg/kg		1.462	mg/kg	0.000146 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				27	mg/kg		23.22	mg/kg	0.00232 %	✓	
			201-581-5	85-01-8									
17		anthracene				5.7	mg/kg		4.902	mg/kg	0.00049 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				48	mg/kg		41.28	mg/kg	0.00413 %	✓	
			205-912-4	206-44-0									
19		pyrene				44	mg/kg		37.84	mg/kg	0.00378 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				22	mg/kg		18.92	mg/kg	0.00189 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				24	mg/kg		20.64	mg/kg	0.00206 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				24	mg/kg		20.64	mg/kg	0.00206 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				12	mg/kg		10.32	mg/kg	0.00103 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				21	mg/kg		18.06	mg/kg	0.00181 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				9.6	mg/kg		8.256	mg/kg	0.000826 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				2.7	mg/kg		2.322	mg/kg	0.000232 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				12	mg/kg		10.32	mg/kg	0.00103 %	✓	
			205-883-8	191-24-2									
										Total:	0.289 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS09

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

Sample details

Sample name:
WS09
Sample Depth:
0.30-0.60 m
Moisture content:
16%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.158%)

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.: 0.158%)

Determinands

Moisture content: 16% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.9 pH		6.9 pH	6.9 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		140 mg/kg	1.32	155.27 mg/kg	0.0155 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		44 mg/kg	1.462	54.019 mg/kg	0.0054 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		930 mg/kg	1.126	879.544 mg/kg	0.088 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1400 mg/kg		1176 mg/kg	0.118 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		100	mg/kg	1.579	132.678	mg/kg	0.0133 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		790	mg/kg	1.245	825.992	mg/kg	0.0826 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		2.6	mg/kg		2.184	mg/kg	0.000218 %	✓	
13	•	acenaphthylene		205-917-1	208-96-8		0.68	mg/kg		0.571	mg/kg	0.0000571 %	✓	
14	•	acenaphthene		201-469-6	83-32-9		15	mg/kg		12.6	mg/kg	0.00126 %	✓	
15	•	fluorene		201-695-5	86-73-7		9.7	mg/kg		8.148	mg/kg	0.000815 %	✓	
16	•	phenanthrene		201-581-5	85-01-8		91	mg/kg		76.44	mg/kg	0.00764 %	✓	
17	•	anthracene		204-371-1	120-12-7		28	mg/kg		23.52	mg/kg	0.00235 %	✓	
18	•	fluoranthene		205-912-4	206-44-0		120	mg/kg		100.8	mg/kg	0.0101 %	✓	
19	•	pyrene		204-927-3	129-00-0		120	mg/kg		100.8	mg/kg	0.0101 %	✓	
20		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		69	mg/kg		57.96	mg/kg	0.0058 %	✓	
21		chrysene	601-048-00-0	205-923-4	218-01-9		77	mg/kg		64.68	mg/kg	0.00647 %	✓	
22		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		77	mg/kg		64.68	mg/kg	0.00647 %	✓	
23		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		29	mg/kg		24.36	mg/kg	0.00244 %	✓	
24		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		66	mg/kg		55.44	mg/kg	0.00554 %	✓	
25	•	indeno[123-cd]pyrene		205-893-2	193-39-5		33	mg/kg		27.72	mg/kg	0.00277 %	✓	
26		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		10	mg/kg		8.4	mg/kg	0.00084 %	✓	
27	•	benzo[ghi]perylene		205-883-8	191-24-2		37	mg/kg		31.08	mg/kg	0.00311 %	✓	
28	•	TPH (C6 to C40) petroleum group			TPH		1883.9	mg/kg		1582.476	mg/kg	0.158 %	✓	
											Total:	0.547 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The absence of a free draining liquid and the relatively low concentrations of short-chain hydrocarbons reported indicates that this hazard property is not applicable to this waste.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.158%)

Classification of sample: WS11

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

Sample details

Sample name:
WS11
Sample Depth:
0.20-0.40 m
Moisture content:
13%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.8	pH		6.8	pH	6.8 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		140	mg/kg	1.32	160.816	mg/kg	0.0161 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		50	mg/kg	1.462	63.578	mg/kg	0.00636 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		650	mg/kg	1.126	636.69	mg/kg	0.0637 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	980	mg/kg		852.6	mg/kg	0.0853 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		110	mg/kg	1.579	151.158	mg/kg	0.0151 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		390	mg/kg	1.245	422.331	mg/kg	0.0422 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		4.3	mg/kg		3.741	mg/kg	0.000374 %	✓	
13		acenaphthylene		205-917-1	208-96-8		0.38	mg/kg		0.331	mg/kg	0.0000331 %	✓	
14		acenaphthene		201-469-6	83-32-9		13	mg/kg		11.31	mg/kg	0.00113 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				7.8	mg/kg		6.786	mg/kg	0.000679 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				83	mg/kg		72.21	mg/kg	0.00722 %	✓	
			201-581-5	85-01-8									
17		anthracene				22	mg/kg		19.14	mg/kg	0.00191 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				100	mg/kg		87	mg/kg	0.0087 %	✓	
			205-912-4	206-44-0									
19		pyrene				89	mg/kg		77.43	mg/kg	0.00774 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				42	mg/kg		36.54	mg/kg	0.00365 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				44	mg/kg		38.28	mg/kg	0.00383 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				45	mg/kg		39.15	mg/kg	0.00392 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				16	mg/kg		13.92	mg/kg	0.00139 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				37	mg/kg		32.19	mg/kg	0.00322 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				18	mg/kg		15.66	mg/kg	0.00157 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				5.6	mg/kg		4.872	mg/kg	0.000487 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				22	mg/kg		19.14	mg/kg	0.00191 %	✓	
			205-883-8	191-24-2									
28		TPH (C6 to C40) petroleum group				952.4	mg/kg		828.588	mg/kg	0.0829 %	✓	
				TPH									
										Total:	0.36 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The absence of a free draining liquid and the relatively low concentrations of short-chain hydrocarbons reported indicates that this hazard property is not applicable to this waste.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0829%)

Classification of sample: WS12

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

Sample details

Sample name:
WS12
Sample Depth:
0.30-0.60 m
Moisture content:
19%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 19% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.8 pH		6.8 pH	6.8 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		160 mg/kg	1.32	171.114 mg/kg	0.0171 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		41 mg/kg	1.462	48.538 mg/kg	0.00485 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		1000 mg/kg	1.126	911.97 mg/kg	0.0912 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	700 mg/kg		567 mg/kg	0.0567 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		120 mg/kg	1.579	153.527 mg/kg	0.0154 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		430 mg/kg	1.245	433.534 mg/kg	0.0434 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		3 mg/kg		2.43 mg/kg	0.000243 %	✓	
13	acenaphthylene		205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
14	acenaphthene		201-469-6	83-32-9		33 mg/kg		26.73 mg/kg	0.00267 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				22	mg/kg		17.82	mg/kg	0.00178 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				270	mg/kg		218.7	mg/kg	0.0219 %	✓	
			201-581-5	85-01-8									
17		anthracene				72	mg/kg		58.32	mg/kg	0.00583 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				290	mg/kg		234.9	mg/kg	0.0235 %	✓	
			205-912-4	206-44-0									
19		pyrene				270	mg/kg		218.7	mg/kg	0.0219 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				130	mg/kg		105.3	mg/kg	0.0105 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				140	mg/kg		113.4	mg/kg	0.0113 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				160	mg/kg		129.6	mg/kg	0.013 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				31	mg/kg		25.11	mg/kg	0.00251 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				130	mg/kg		105.3	mg/kg	0.0105 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				56	mg/kg		45.36	mg/kg	0.00454 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				16	mg/kg		12.96	mg/kg	0.0013 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				61	mg/kg		49.41	mg/kg	0.00494 %	✓	
			205-883-8	191-24-2									
										Total:	0.365 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP03

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

Sample details

Sample name:
TP03
Sample Depth:
0.05-0.10 m
Moisture content:
3%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 3% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		8.5	pH		8.5	pH	8.5 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		7.5	mg/kg	1.32	9.605	mg/kg	0.000961 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	0.4	mg/kg	1.285	0.499	mg/kg	0.0000388 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		7	mg/kg	1.462	9.924	mg/kg	0.000992 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		20	mg/kg	1.126	21.842	mg/kg	0.00218 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	36	mg/kg		34.92	mg/kg	0.00349 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		8	mg/kg	1.579	12.257	mg/kg	0.00123 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		32	mg/kg	1.245	38.636	mg/kg	0.00386 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
13	acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
14	acenaphthene		201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-695-5	86-73-7									
16	●	phenanthrene				0.79	mg/kg		0.766	mg/kg	0.0000766 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				0.21	mg/kg		0.204	mg/kg	0.0000204 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				1.5	mg/kg		1.455	mg/kg	0.000146 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				1.5	mg/kg		1.455	mg/kg	0.000146 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				0.79	mg/kg		0.766	mg/kg	0.0000766 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				0.93	mg/kg		0.902	mg/kg	0.0000902 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				0.91	mg/kg		0.883	mg/kg	0.0000883 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				0.31	mg/kg		0.301	mg/kg	0.0000301 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				0.91	mg/kg		0.883	mg/kg	0.0000883 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				0.41	mg/kg		0.398	mg/kg	0.0000398 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				0.17	mg/kg		0.165	mg/kg	0.0000165 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				0.48	mg/kg		0.466	mg/kg	0.0000466 %	✓	
			205-883-8	191-24-2									
										Total:	0.0141 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP05

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

Sample details

Sample name:
TP05
Sample Depth:
0.10-0.20 m
Moisture content:
21%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 21% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.3	pH		6.3	pH	6.3 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24	mg/kg	1.32	25.033	mg/kg	0.0025 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24	mg/kg	1.462	27.711	mg/kg	0.00277 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		120	mg/kg	1.126	106.734	mg/kg	0.0107 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	220	mg/kg		173.8	mg/kg	0.0174 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		24	mg/kg	1.579	29.947	mg/kg	0.00299 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		190	mg/kg	1.245	186.832	mg/kg	0.0187 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		2.2	mg/kg		1.738	mg/kg	0.000174 %	✓	
13		acenaphthylene		205-917-1	208-96-8		0.55	mg/kg		0.435	mg/kg	0.0000435 %	✓	
14		acenaphthene		201-469-6	83-32-9		25	mg/kg		19.75	mg/kg	0.00198 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				15	mg/kg		11.85	mg/kg	0.00119 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				140	mg/kg		110.6	mg/kg	0.0111 %	✓	
			201-581-5	85-01-8									
17		anthracene				37	mg/kg		29.23	mg/kg	0.00292 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				180	mg/kg		142.2	mg/kg	0.0142 %	✓	
			205-912-4	206-44-0									
19		pyrene				160	mg/kg		126.4	mg/kg	0.0126 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				84	mg/kg		66.36	mg/kg	0.00664 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				75	mg/kg		59.25	mg/kg	0.00592 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				78	mg/kg		61.62	mg/kg	0.00616 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				35	mg/kg		27.65	mg/kg	0.00276 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				71	mg/kg		56.09	mg/kg	0.00561 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				35	mg/kg		27.65	mg/kg	0.00276 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				10	mg/kg		7.9	mg/kg	0.00079 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				41	mg/kg		32.39	mg/kg	0.00324 %	✓	
			205-883-8	191-24-2									
										Total:	0.134 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP08

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

Sample details

Sample name:
TP08
Sample Depth:
0.30-0.40 m
Moisture content:
25%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 25% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.3	pH		7.3	pH	7.3 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		210	mg/kg	1.32	207.951	mg/kg	0.0208 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		49	mg/kg	1.462	53.712	mg/kg	0.00537 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		1400	mg/kg	1.126	1182.183	mg/kg	0.118 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1700	mg/kg		1275	mg/kg	0.128 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		4.8	mg/kg	1.353	4.873	mg/kg	0.000487 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		99	mg/kg	1.579	117.278	mg/kg	0.0117 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		940	mg/kg	1.245	877.523	mg/kg	0.0878 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		0.79	mg/kg		0.593	mg/kg	0.0000593 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.14	mg/kg		0.105	mg/kg	0.0000105 %	✓	
14	acenaphthene		201-469-6	83-32-9		2.8	mg/kg		2.1	mg/kg	0.00021 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				1.7	mg/kg		1.275	mg/kg	0.000127 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				20	mg/kg		15	mg/kg	0.0015 %	✓	
			201-581-5	85-01-8									
17		anthracene				5.1	mg/kg		3.825	mg/kg	0.000383 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				27	mg/kg		20.25	mg/kg	0.00202 %	✓	
			205-912-4	206-44-0									
19		pyrene				25	mg/kg		18.75	mg/kg	0.00188 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				13	mg/kg		9.75	mg/kg	0.000975 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				13	mg/kg		9.75	mg/kg	0.000975 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				13	mg/kg		9.75	mg/kg	0.000975 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				5.9	mg/kg		4.425	mg/kg	0.000442 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				13	mg/kg		9.75	mg/kg	0.000975 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				5.9	mg/kg		4.425	mg/kg	0.000442 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				1.8	mg/kg		1.35	mg/kg	0.000135 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				7.1	mg/kg		5.325	mg/kg	0.000533 %	✓	
			205-883-8	191-24-2									
28		TPH (C6 to C40) petroleum group				391	mg/kg		293.25	mg/kg	0.0293 %	✓	
				TPH									
										Total:	0.413 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The absence of a free draining liquid and the relatively low concentrations of short-chain hydrocarbons reported indicates that this hazard property is not applicable to this waste.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0293%)

Classification of sample: TP10

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

Sample details

Sample name:
TP10
Sample Depth:
0.30-0.60 m
Moisture content:
29%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 29% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		7	pH		7	pH	7pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		170	mg/kg	1.32	159.363	mg/kg	0.0159 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		81	mg/kg	1.462	84.054	mg/kg	0.00841 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		650	mg/kg	1.126	519.597	mg/kg	0.052 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1700	mg/kg		1207	mg/kg	0.121 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		130	mg/kg	1.579	145.788	mg/kg	0.0146 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		1300	mg/kg	1.245	1148.871	mg/kg	0.115 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		2	mg/kg		1.42	mg/kg	0.000142 %	✓	
13		acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
14		acenaphthene		201-469-6	83-32-9		6.4	mg/kg		4.544	mg/kg	0.000454 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				3.4	mg/kg		2.414	mg/kg	0.000241 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				36	mg/kg		25.56	mg/kg	0.00256 %	✓	
			201-581-5	85-01-8									
17		anthracene				7.9	mg/kg		5.609	mg/kg	0.000561 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				57	mg/kg		40.47	mg/kg	0.00405 %	✓	
			205-912-4	206-44-0									
19		pyrene				48	mg/kg		34.08	mg/kg	0.00341 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				25	mg/kg		17.75	mg/kg	0.00178 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				27	mg/kg		19.17	mg/kg	0.00192 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				28	mg/kg		19.88	mg/kg	0.00199 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				13	mg/kg		9.23	mg/kg	0.000923 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				23	mg/kg		16.33	mg/kg	0.00163 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				11	mg/kg		7.81	mg/kg	0.000781 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				3.1	mg/kg		2.201	mg/kg	0.00022 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				14	mg/kg		9.94	mg/kg	0.000994 %	✓	
			205-883-8	191-24-2									
										Total:	0.349 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP12

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

Sample details

Sample name:
TP12
Sample Depth:
0.30-0.45 m
Moisture content:
35%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 35% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		7.6	pH		7.6	pH	7.6 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		130	mg/kg	1.32	111.567	mg/kg	0.0112 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		46	mg/kg	1.462	43.701	mg/kg	0.00437 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		570	mg/kg	1.126	417.142	mg/kg	0.0417 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	980	mg/kg		637	mg/kg	0.0637 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		6.8	mg/kg	1.353	5.982	mg/kg	0.000598 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		87	mg/kg	1.579	89.321	mg/kg	0.00893 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		770	mg/kg	1.245	622.979	mg/kg	0.0623 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		0.87	mg/kg		0.566	mg/kg	0.0000566 %	✓	
13		acenaphthylene		205-917-1	208-96-8		0.18	mg/kg		0.117	mg/kg	0.0000117 %	✓	
14		acenaphthene		201-469-6	83-32-9		4	mg/kg		2.6	mg/kg	0.00026 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				2.5	mg/kg		1.625	mg/kg	0.000162 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				23	mg/kg		14.95	mg/kg	0.0015 %	✓	
			201-581-5	85-01-8									
17		anthracene				6.6	mg/kg		4.29	mg/kg	0.000429 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				36	mg/kg		23.4	mg/kg	0.00234 %	✓	
			205-912-4	206-44-0									
19		pyrene				33	mg/kg		21.45	mg/kg	0.00214 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				17	mg/kg		11.05	mg/kg	0.00111 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				18	mg/kg		11.7	mg/kg	0.00117 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				17	mg/kg		11.05	mg/kg	0.00111 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				9.3	mg/kg		6.045	mg/kg	0.000605 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				16	mg/kg		10.4	mg/kg	0.00104 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				7.6	mg/kg		4.94	mg/kg	0.000494 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				2.3	mg/kg		1.495	mg/kg	0.00015 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				8.1	mg/kg		5.265	mg/kg	0.000527 %	✓	
			205-883-8	191-24-2									
										Total:	0.206 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP13

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

Sample details

Sample name:
TP13
Sample Depth:
0.30-0.60 m
Moisture content:
38%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 38% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		7.5	pH		7.5	pH	7.5 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		140	mg/kg	1.32	114.604	mg/kg	0.0115 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		45	mg/kg	1.462	40.777	mg/kg	0.00408 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		1800	mg/kg	1.126	1256.491	mg/kg	0.126 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1100	mg/kg		682	mg/kg	0.0682 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		110	mg/kg	1.579	107.722	mg/kg	0.0108 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		940	mg/kg	1.245	725.419	mg/kg	0.0725 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		4.5	mg/kg		2.79	mg/kg	0.000279 %	✓	
13		acenaphthylene		205-917-1	208-96-8		0.88	mg/kg		0.546	mg/kg	0.0000546 %	✓	
14		acenaphthene		201-469-6	83-32-9		18	mg/kg		11.16	mg/kg	0.00112 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				14	mg/kg		8.68	mg/kg	0.000868 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				110	mg/kg		68.2	mg/kg	0.00682 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				32	mg/kg		19.84	mg/kg	0.00198 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				140	mg/kg		86.8	mg/kg	0.00868 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				130	mg/kg		80.6	mg/kg	0.00806 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				52	mg/kg		32.24	mg/kg	0.00322 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				50	mg/kg		31	mg/kg	0.0031 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				48	mg/kg		29.76	mg/kg	0.00298 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				21	mg/kg		13.02	mg/kg	0.0013 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				48	mg/kg		29.76	mg/kg	0.00298 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				22	mg/kg		13.64	mg/kg	0.00136 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				6.4	mg/kg		3.968	mg/kg	0.000397 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				24	mg/kg		14.88	mg/kg	0.00149 %	✓	
			205-883-8	191-24-2									
										Total:	0.338 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP14

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

Sample details

Sample name:
TP14
Sample Depth:
0.30-0.60 m
Moisture content:
29%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 29% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.2 pH		7.2 pH	7.2 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		190 mg/kg	1.32	178.112 mg/kg	0.0178 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		49 mg/kg	1.462	50.848 mg/kg	0.00508 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		480 mg/kg	1.126	383.703 mg/kg	0.0384 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	580 mg/kg		411.8 mg/kg	0.0412 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		110 mg/kg	1.579	123.359 mg/kg	0.0123 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		630 mg/kg	1.245	556.761 mg/kg	0.0557 %	✓	
								Total:	0.171 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP17

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

Sample details

Sample name:
TP17
Sample Depth:
0.30-0.60 m
Moisture content:
26%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 26% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.3	pH		6.3	pH	6.3 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		240	mg/kg	1.32	234.49	mg/kg	0.0234 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		58	mg/kg	1.462	62.73	mg/kg	0.00627 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		1100	mg/kg	1.126	916.473	mg/kg	0.0916 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1600	mg/kg		1184	mg/kg	0.118 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		140	mg/kg	1.579	163.636	mg/kg	0.0164 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		1300	mg/kg	1.245	1197.415	mg/kg	0.12 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		1.8	mg/kg		1.332	mg/kg	0.000133 %	✓	
13		acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
14		acenaphthene		201-469-6	83-32-9		4.2	mg/kg		3.108	mg/kg	0.000311 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				2.1	mg/kg		1.554	mg/kg	0.000155 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				22	mg/kg		16.28	mg/kg	0.00163 %	✓	
			201-581-5	85-01-8									
17		anthracene				4.6	mg/kg		3.404	mg/kg	0.00034 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				29	mg/kg		21.46	mg/kg	0.00215 %	✓	
			205-912-4	206-44-0									
19		pyrene				26	mg/kg		19.24	mg/kg	0.00192 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				14	mg/kg		10.36	mg/kg	0.00104 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				13	mg/kg		9.62	mg/kg	0.000962 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				16	mg/kg		11.84	mg/kg	0.00118 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				4.1	mg/kg		3.034	mg/kg	0.000303 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				14	mg/kg		10.36	mg/kg	0.00104 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				6.3	mg/kg		4.662	mg/kg	0.000466 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				1.8	mg/kg		1.332	mg/kg	0.000133 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				7.6	mg/kg		5.624	mg/kg	0.000562 %	✓	
			205-883-8	191-24-2									
28		TPH (C6 to C40) petroleum group				296	mg/kg		219.04	mg/kg	0.0219 %	✓	
				TPH									
										Total:	0.411 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The absence of a free draining liquid and the relatively low concentrations of short-chain hydrocarbons reported indicates that this hazard property is not applicable to this waste.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0219%)

Classification of sample: TP20

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

Sample details

Sample name:
TP20
Sample Depth:
0.30-0.60 m
Moisture content:
31%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 31% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.6 pH		6.6 pH	6.6 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		180 mg/kg	1.32	163.984 mg/kg	0.0164 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		42 mg/kg	1.462	42.356 mg/kg	0.00424 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		920 mg/kg	1.126	714.714 mg/kg	0.0715 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	610 mg/kg		420.9 mg/kg	0.0421 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		93 mg/kg	1.579	101.356 mg/kg	0.0101 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		840 mg/kg	1.245	721.436 mg/kg	0.0721 %	✓	
								Total:	0.217 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP21

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

Sample details

Sample name:
TP21
Sample Depth:
0.30-0.60 m
Moisture content:
32%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 32% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.4	pH		6.4	pH	6.4 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		190	mg/kg	1.32	170.586	mg/kg	0.0171 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		43	mg/kg	1.462	42.736	mg/kg	0.00427 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		680	mg/kg	1.126	520.611	mg/kg	0.0521 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	640	mg/kg		435.2	mg/kg	0.0435 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		93	mg/kg	1.579	99.888	mg/kg	0.00999 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		770	mg/kg	1.245	651.732	mg/kg	0.0652 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
13		acenaphthylene		205-917-1	208-96-8		0.58	mg/kg		0.394	mg/kg	0.0000394 %	✓	
14		acenaphthene		201-469-6	83-32-9		6.1	mg/kg		4.148	mg/kg	0.000415 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				3.9	mg/kg		2.652	mg/kg	0.000265 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				50	mg/kg		34	mg/kg	0.0034 %	✓	
			201-581-5	85-01-8									
17		anthracene				19	mg/kg		12.92	mg/kg	0.00129 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				98	mg/kg		66.64	mg/kg	0.00666 %	✓	
			205-912-4	206-44-0									
19		pyrene				86	mg/kg		58.48	mg/kg	0.00585 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				37	mg/kg		25.16	mg/kg	0.00252 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				35	mg/kg		23.8	mg/kg	0.00238 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				35	mg/kg		23.8	mg/kg	0.00238 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				15	mg/kg		10.2	mg/kg	0.00102 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				33	mg/kg		22.44	mg/kg	0.00224 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				16	mg/kg		10.88	mg/kg	0.00109 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				4.7	mg/kg		3.196	mg/kg	0.00032 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				17	mg/kg		11.56	mg/kg	0.00116 %	✓	
			205-883-8	191-24-2									
										Total:	0.224 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP25

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

Sample details

Sample name:
TP25
Sample Depth:
0.30-0.60 m
Moisture content:
36%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.9	pH		6.9	pH	6.9 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		190	mg/kg	1.32	160.552	mg/kg	0.0161 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		48	mg/kg	1.462	44.899	mg/kg	0.00449 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		1200	mg/kg	1.126	864.682	mg/kg	0.0865 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1200	mg/kg		768	mg/kg	0.0768 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		99	mg/kg	1.579	100.077	mg/kg	0.01 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		1200	mg/kg	1.245	955.94	mg/kg	0.0956 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		0.87	mg/kg		0.557	mg/kg	0.0000557 %	✓	
13	acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
14	acenaphthene		201-469-6	83-32-9		0.53	mg/kg		0.339	mg/kg	0.0000339 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				0.28	mg/kg		0.179	mg/kg	0.0000179 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				4.4	mg/kg		2.816	mg/kg	0.000282 %	✓	
			201-581-5	85-01-8									
17		anthracene				1.2	mg/kg		0.768	mg/kg	0.0000768 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				8	mg/kg		5.12	mg/kg	0.000512 %	✓	
			205-912-4	206-44-0									
19		pyrene				7.7	mg/kg		4.928	mg/kg	0.000493 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				4.7	mg/kg		3.008	mg/kg	0.000301 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				4.8	mg/kg		3.072	mg/kg	0.000307 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				6.1	mg/kg		3.904	mg/kg	0.00039 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				1.8	mg/kg		1.152	mg/kg	0.000115 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				5.2	mg/kg		3.328	mg/kg	0.000333 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				2.6	mg/kg		1.664	mg/kg	0.000166 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				0.8	mg/kg		0.512	mg/kg	0.0000512 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				3.2	mg/kg		2.048	mg/kg	0.000205 %	✓	
			205-883-8	191-24-2									
										Total:	0.293 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP27

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

Sample details

Sample name:
TP27
Sample Depth:
0.30-0.60 m
Moisture content:
27%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 27% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.8	pH		6.8	pH	6.8 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		150	mg/kg	1.32	144.576	mg/kg	0.0145 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		45	mg/kg	1.462	48.012	mg/kg	0.0048 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		780	mg/kg	1.126	641.081	mg/kg	0.0641 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	660	mg/kg		481.8	mg/kg	0.0482 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		100	mg/kg	1.579	115.303	mg/kg	0.0115 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		540	mg/kg	1.245	490.666	mg/kg	0.0491 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		1.2	mg/kg		0.876	mg/kg	0.0000876 %	✓	
13	acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
14	acenaphthene		201-469-6	83-32-9		6.8	mg/kg		4.964	mg/kg	0.000496 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				3.7	mg/kg		2.701	mg/kg	0.00027 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				42	mg/kg		30.66	mg/kg	0.00307 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				10	mg/kg		7.3	mg/kg	0.00073 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				54	mg/kg		39.42	mg/kg	0.00394 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				48	mg/kg		35.04	mg/kg	0.0035 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				26	mg/kg		18.98	mg/kg	0.0019 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				25	mg/kg		18.25	mg/kg	0.00183 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				25	mg/kg		18.25	mg/kg	0.00183 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				13	mg/kg		9.49	mg/kg	0.000949 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				26	mg/kg		18.98	mg/kg	0.0019 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				11	mg/kg		8.03	mg/kg	0.000803 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				3.4	mg/kg		2.482	mg/kg	0.000248 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				14	mg/kg		10.22	mg/kg	0.00102 %	✓	
			205-883-8	191-24-2									
										Total:	0.215 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP28

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

Sample details

Sample name:
TP28
Sample Depth:
0.30-0.60 m
Moisture content:
33%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 33% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.3 pH		7.3 pH	7.3 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		190 mg/kg	1.32	168.077 mg/kg	0.0168 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		54 mg/kg	1.462	52.879 mg/kg	0.00529 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		470 mg/kg	1.126	354.542 mg/kg	0.0355 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	800 mg/kg		536 mg/kg	0.0536 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		99 mg/kg	1.579	104.768 mg/kg	0.0105 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		580 mg/kg	1.245	483.696 mg/kg	0.0484 %	✓	
								Total:	0.17 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP29

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

Sample details

Sample name:
TP29
Sample Depth:
0.30-0.60 m
Moisture content:
28%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 28% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.9	pH		6.9	pH	6.9 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		180	mg/kg	1.32	171.114	mg/kg	0.0171 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		44	mg/kg	1.462	46.302	mg/kg	0.00463 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		2700	mg/kg	1.126	2188.727	mg/kg	0.219 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	760	mg/kg		547.2	mg/kg	0.0547 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		98	mg/kg	1.579	111.449	mg/kg	0.0111 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		570	mg/kg	1.245	510.831	mg/kg	0.0511 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		1.2	mg/kg		0.864	mg/kg	0.0000864 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.11	mg/kg		0.0792	mg/kg	0.00000792 %	✓	
14	acenaphthene		201-469-6	83-32-9		2.5	mg/kg		1.8	mg/kg	0.00018 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				1.6	mg/kg		1.152	mg/kg	0.000115 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				15	mg/kg		10.8	mg/kg	0.00108 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				4.1	mg/kg		2.952	mg/kg	0.000295 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				17	mg/kg		12.24	mg/kg	0.00122 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				15	mg/kg		10.8	mg/kg	0.00108 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				8.4	mg/kg		6.048	mg/kg	0.000605 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				7.3	mg/kg		5.256	mg/kg	0.000526 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				9	mg/kg		6.48	mg/kg	0.000648 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				1.8	mg/kg		1.296	mg/kg	0.00013 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				7.4	mg/kg		5.328	mg/kg	0.000533 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				3.4	mg/kg		2.448	mg/kg	0.000245 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				1.1	mg/kg		0.792	mg/kg	0.0000792 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				4.1	mg/kg		2.952	mg/kg	0.000295 %	✓	
			205-883-8	191-24-2									
										Total:	0.365 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP31

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

Sample details

Sample name:
TP31
Sample Depth:
0.30-0.60 m
Moisture content:
24%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 24% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.3 pH		7.3 pH	7.3 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		130 mg/kg	1.32	130.448 mg/kg	0.013 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		45 mg/kg	1.462	49.985 mg/kg	0.005 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		540 mg/kg	1.126	462.065 mg/kg	0.0462 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1600 mg/kg		1216 mg/kg	0.122 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		100 mg/kg	1.579	120.042 mg/kg	0.012 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		710 mg/kg	1.245	671.648 mg/kg	0.0672 %	✓	
								Total:	0.265 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP34

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

Sample details

Sample name:
TP34
Sample Depth:
0.30-0.60 m
Moisture content:
29%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 29% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.6 pH		6.6 pH	6.6 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		210 mg/kg	1.32	196.861 mg/kg	0.0197 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		49 mg/kg	1.462	50.848 mg/kg	0.00508 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		560 mg/kg	1.126	447.653 mg/kg	0.0448 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1200 mg/kg		852 mg/kg	0.0852 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		130 mg/kg	1.579	145.788 mg/kg	0.0146 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		950 mg/kg	1.245	839.56 mg/kg	0.084 %	✓	
								Total:	0.254 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP35

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

Sample details

Sample name:
TP35
Sample Depth:
0.30-0.60 m
Moisture content:
21%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 21% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		7.3	pH		7.3	pH	7.3 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		180	mg/kg	1.32	187.75	mg/kg	0.0188 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		51	mg/kg	1.462	58.886	mg/kg	0.00589 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		610	mg/kg	1.126	542.566	mg/kg	0.0543 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	960	mg/kg		758.4	mg/kg	0.0758 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		100	mg/kg	1.579	124.78	mg/kg	0.0125 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		660	mg/kg	1.245	648.994	mg/kg	0.0649 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		0.88	mg/kg		0.695	mg/kg	0.0000695 %	✓	
13		acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
14		acenaphthene		201-469-6	83-32-9		1	mg/kg		0.79	mg/kg	0.000079 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				0.7	mg/kg		0.553	mg/kg	0.0000553 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				6.5	mg/kg		5.135	mg/kg	0.000514 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				1.9	mg/kg		1.501	mg/kg	0.00015 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				6.5	mg/kg		5.135	mg/kg	0.000514 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				5.5	mg/kg		4.345	mg/kg	0.000435 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				3.2	mg/kg		2.528	mg/kg	0.000253 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				2.8	mg/kg		2.212	mg/kg	0.000221 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				2.6	mg/kg		2.054	mg/kg	0.000205 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				1.2	mg/kg		0.948	mg/kg	0.0000948 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				2.6	mg/kg		2.054	mg/kg	0.000205 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				1.1	mg/kg		0.869	mg/kg	0.0000869 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				0.39	mg/kg		0.308	mg/kg	0.0000308 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				1.3	mg/kg		1.027	mg/kg	0.000103 %	✓	
			205-883-8	191-24-2									
										Total:	0.236 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP36

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

Sample details

Sample name:
TP36
Sample Depth:
0.30-0.60 m
Moisture content:
17%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.9	pH		6.9	pH	6.9 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		170	mg/kg	1.32	186.298	mg/kg	0.0186 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		42	mg/kg	1.462	50.95	mg/kg	0.00509 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		670	mg/kg	1.126	626.107	mg/kg	0.0626 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	790	mg/kg		655.7	mg/kg	0.0656 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		100	mg/kg	1.579	131.098	mg/kg	0.0131 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		590	mg/kg	1.245	609.536	mg/kg	0.061 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
13		acenaphthylene		205-917-1	208-96-8		0.97	mg/kg		0.805	mg/kg	0.0000805 %	✓	
14		acenaphthene		201-469-6	83-32-9		21	mg/kg		17.43	mg/kg	0.00174 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				12	mg/kg		9.96	mg/kg	0.000996 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				180	mg/kg		149.4	mg/kg	0.0149 %	✓	
			201-581-5	85-01-8									
17		anthracene				50	mg/kg		41.5	mg/kg	0.00415 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				310	mg/kg		257.3	mg/kg	0.0257 %	✓	
			205-912-4	206-44-0									
19		pyrene				290	mg/kg		240.7	mg/kg	0.0241 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				130	mg/kg		107.9	mg/kg	0.0108 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				120	mg/kg		99.6	mg/kg	0.00996 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				130	mg/kg		107.9	mg/kg	0.0108 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				50	mg/kg		41.5	mg/kg	0.00415 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				120	mg/kg		99.6	mg/kg	0.00996 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				55	mg/kg		45.65	mg/kg	0.00456 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				16	mg/kg		13.28	mg/kg	0.00133 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				60	mg/kg		49.8	mg/kg	0.00498 %	✓	
			205-883-8	191-24-2									
										Total:	0.355 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP37

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

Sample details

Sample name:
TP37
Sample Depth:
0.30-0.60 m
Moisture content:
28%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 28% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.5 pH		7.5 pH	7.5 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		140 mg/kg	1.32	133.089 mg/kg	0.0133 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		49 mg/kg	1.462	51.564 mg/kg	0.00516 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		700 mg/kg	1.126	567.448 mg/kg	0.0567 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1300 mg/kg		936 mg/kg	0.0936 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		8.9 mg/kg	1.353	8.673 mg/kg	0.000867 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		97 mg/kg	1.579	110.312 mg/kg	0.011 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		1800 mg/kg	1.245	1613.149 mg/kg	0.161 %	✓	
								Total:	0.342 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP40

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

Sample details

Sample name:
TP40
Sample Depth:
0.30-0.60 m
Moisture content:
20%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 20% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		8	pH		8	pH	8pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		130	mg/kg	1.32	137.314	mg/kg	0.0137 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		69	mg/kg	1.462	80.678	mg/kg	0.00807 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		760	mg/kg	1.126	684.54	mg/kg	0.0685 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1600	mg/kg		1280	mg/kg	0.128 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.2	mg/kg	1.353	1.299	mg/kg	0.00013 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		100	mg/kg	1.579	126.36	mg/kg	0.0126 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		940	mg/kg	1.245	936.025	mg/kg	0.0936 %	✓	
										Total:	0.325 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP23

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

Sample details

Sample name:
TP23
Sample Depth:
0.30-0.60 m
Moisture content:
10%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 10% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		7.8	pH		7.8	pH	7.8 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		120	mg/kg	1.32	142.595	mg/kg	0.0143 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		41	mg/kg	1.462	53.931	mg/kg	0.00539 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		860	mg/kg	1.126	871.438	mg/kg	0.0871 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	840	mg/kg		756	mg/kg	0.0756 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		96	mg/kg	1.579	136.469	mg/kg	0.0136 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		470	mg/kg	1.245	526.514	mg/kg	0.0527 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		6.3	mg/kg		5.67	mg/kg	0.000567 %	✓	
13		acenaphthylene		205-917-1	208-96-8		0.48	mg/kg		0.432	mg/kg	0.0000432 %	✓	
14		acenaphthene		201-469-6	83-32-9		11	mg/kg		9.9	mg/kg	0.00099 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				7.8	mg/kg		7.02	mg/kg	0.000702 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				64	mg/kg		57.6	mg/kg	0.00576 %	✓	
			201-581-5	85-01-8									
17		anthracene				19	mg/kg		17.1	mg/kg	0.00171 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				72	mg/kg		64.8	mg/kg	0.00648 %	✓	
			205-912-4	206-44-0									
19		pyrene				62	mg/kg		55.8	mg/kg	0.00558 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				38	mg/kg		34.2	mg/kg	0.00342 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				36	mg/kg		32.4	mg/kg	0.00324 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				38	mg/kg		34.2	mg/kg	0.00342 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				17	mg/kg		15.3	mg/kg	0.00153 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				35	mg/kg		31.5	mg/kg	0.00315 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				17	mg/kg		15.3	mg/kg	0.00153 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				4.6	mg/kg		4.14	mg/kg	0.000414 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				20	mg/kg		18	mg/kg	0.0018 %	✓	
			205-883-8	191-24-2									
										Total:	0.289 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP32

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

Sample details

Sample name:
TP32
Sample Depth:
0.30-0.60 m
Moisture content:
11%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.3	pH		7.3	pH	7.3 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		120	mg/kg	1.32	141.011	mg/kg	0.0141 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		38	mg/kg	1.462	49.43	mg/kg	0.00494 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		720	mg/kg	1.126	721.469	mg/kg	0.0721 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	910	mg/kg		809.9	mg/kg	0.081 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		90	mg/kg	1.579	126.518	mg/kg	0.0127 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		580	mg/kg	1.245	642.521	mg/kg	0.0643 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		0.88	mg/kg		0.783	mg/kg	0.0000783 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.39	mg/kg		0.347	mg/kg	0.0000347 %	✓	
14	acenaphthene		201-469-6	83-32-9		5.6	mg/kg		4.984	mg/kg	0.000498 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				3.3	mg/kg		2.937	mg/kg	0.000294 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				37	mg/kg		32.93	mg/kg	0.00329 %	✓	
			201-581-5	85-01-8									
17		anthracene				9.1	mg/kg		8.099	mg/kg	0.00081 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				57	mg/kg		50.73	mg/kg	0.00507 %	✓	
			205-912-4	206-44-0									
19		pyrene				54	mg/kg		48.06	mg/kg	0.00481 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				32	mg/kg		28.48	mg/kg	0.00285 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				28	mg/kg		24.92	mg/kg	0.00249 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				32	mg/kg		28.48	mg/kg	0.00285 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				13	mg/kg		11.57	mg/kg	0.00116 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				30	mg/kg		26.7	mg/kg	0.00267 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				17	mg/kg		15.13	mg/kg	0.00151 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				4.9	mg/kg		4.361	mg/kg	0.000436 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				19	mg/kg		16.91	mg/kg	0.00169 %	✓	
			205-883-8	191-24-2									
										Total:	0.28 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non GB MCL determinands

- **pH** (CAS Number: PH)

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

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

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

- **lead compounds with the exception of those specified elsewhere in this Annex**

GB MCL index number: 082-001-00-6
Description/Comments: Least-worst case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following MCL protocols, considers many simple lead compounds to be Carcinogenic category 2
Additional Hazard Statement(s): Carc. 2; H351
Reason for additional Hazards Statement(s):
20 Nov 2021 - Carc. 2; H351 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html. Review date 29/09/2015

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

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

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

Appendix B: Rationale for selection of metal species

arsenic {arsenic trioxide}

Worst case species based on hazard statements

cadmium {cadmium sulfide}

Worst case species based on hazard statements

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

Worst case species based on hazard statements

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

Worst case species based on hazard statements

copper {dicopper oxide; copper (I) oxide}

Most likely common species

lead {lead compounds with the exception of those specified elsewhere in this Annex}

Absence of hexavalent chromium indicates it unlikely that lead chromate is present within the site soils. Furthermore, the presence of ash and clinker suggests oxides of lead will be present.

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}

Absence of hexavalent chromium indicates it unlikely that zinc chromate is present within the site soils. Furthermore, the presence of ash and clinker suggests oxides of zinc will be present.

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.2.GB - Oct 2021
HazWasteOnline Classification Engine Version: 2023.111.5569.10274 (22 Apr 2023)
HazWasteOnline Database: 2023.111.5569.10274 (22 Apr 2023)

This classification utilises the following guidance and legislation:
WM3 v1.2.GB - Waste Classification - 1st Edition v1.2.GB - Oct 2021
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
GB MCL List - version 1.1 of 09 June 2021

Waste Classification Report

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

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

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

74U58-831ZD-0ID73

Job name

C5150 Mount Road Gorton Topsoil

Description/Comments

Project

C5150

Site

Mount Road, Gorton

Classified by

Name:
Jack Mather
Date:
13 Jun 2023 09:38 GMT
Telephone:
01606334844

Company:
Brownfield Solutions Limited
173-183 Witton Street
Northwich
CW9 5LP

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

HazWasteOnline™ Certification: **CERTIFIED**

Course	Date
Hazardous Waste Classification	09 Feb 2023

Next 3 year Refresher due by Feb 2026

Purpose of classification

2 - Material Characterisation

Address of the waste

Mount Road, Gorton **Post Code** M18 7SU

SIC for the process giving rise to the waste

41100 Development of building projects

Description of industry/producer giving rise to the waste

Construction, residential. Former playing fields, no significant previous development.

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

Made Ground Topsoil from site strip.

Description of the waste

Made ground topsoil (sandy) with frequent roots/organic matter and fragments of anthropogenics including glass, clinker and coal.

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	TP100	0.00-0.20	Non Hazardous		5
2	TP101	0.00-0.20	Non Hazardous		7
3	TP102	0.00-0.15	Non Hazardous		9
4	TP103	0.00-0.20	Hazardous	HP 10, HP 14	11
5	TP235	0.00-0.15	Non Hazardous		13
6	TP104	0.00-0.20	Hazardous	HP 14	15
7	TP105	0.00-0.20	Non Hazardous		18
8	TP106	0.00-0.20	Hazardous	HP 14	20
9	TP237	0.00-0.20	Non Hazardous		22
10	TP107	0.00-0.20	Non Hazardous		24
11	TP238	0.00-0.20	Hazardous	HP 14	26
12	TP108	0.00-0.20	Non Hazardous		28
13	TP109	0.00-0.15	Hazardous	HP 7, HP 11	30
14	TP240	0.00-0.20	Hazardous	HP 7, HP 11	33
15	TP239	0.00-0.10	Non Hazardous		36
16	TP241	0.00-0.20	Non Hazardous		38
17	TP110	0.00-0.20	Non Hazardous		40
18	TP111	0.00-0.20	Non Hazardous		42
19	TP242	0.00-0.20	Non Hazardous		44
20	TP112	0.00-0.20	Non Hazardous		46
21	TP113	0.00-0.20	Non Hazardous		48
22	TP114	0.00-0.20	Non Hazardous		50
23	TP115	0.00-0.15	Non Hazardous		52
24	TP116	0.00-0.20	Non Hazardous		54
25	TP117	0.00-0.20	Non Hazardous		56
26	TP118	0.00-0.10	Non Hazardous		58
27	TP119	0.00-0.10	Non Hazardous		60
28	TP120	0.00-0.10	Non Hazardous		62
29	TP121	0.00-0.10	Non Hazardous		64
30	TP122	0.00-0.05	Non Hazardous		66
31	TP123	0.00-0.10	Non Hazardous		68
32	TP124	0.00-0.10	Non Hazardous		70
33	TP125	0.00-0.10	Non Hazardous		72
34	TP126	0.00-0.10	Non Hazardous		74
35	TP127	0.00-0.05	Hazardous	HP 7, HP 11	76
36	TP128	0.00-0.10	Non Hazardous		79
37	TP129	0.00-0.10	Non Hazardous		81
38	TP130	0.00-0.10	Non Hazardous		83
39	TP131	0.00-0.10	Non Hazardous		85
40	TP132	0.00-0.10	Non Hazardous		87
41	TP133	0.00-0.10	Non Hazardous		89
42	TP134	0.00-0.10	Non Hazardous		91
43	TP135	0.00-0.10	Non Hazardous		93
44	TP136	0.00-0.10	Non Hazardous		95
45	TP137	0.00-0.10	Non Hazardous		97
46	TP138	0.00-0.10	Non Hazardous		99
47	TP139	0.00-0.10	Non Hazardous		101
48	TP140	0.00-0.10	Non Hazardous		103
49	TP141	0.00-0.10	Non Hazardous		105
50	TP142	0.00-0.10	Non Hazardous		107
51	TP143	0.00-0.10	Non Hazardous		109
52	TP144	0.00-0.10	Non Hazardous		111
53	TP145	0.00-0.10	Non Hazardous		113
54	TP146	0.00-0.10	Non Hazardous		115
55	TP147	0.00-0.10	Non Hazardous		117
56	TP148	0.00-0.10	Non Hazardous		119
57	TP149	0.00-0.10	Non Hazardous		121
58	TP150	0.00-0.10	Non Hazardous		123
59	TP151	0.00-0.10	Non Hazardous		125
60	TP152	0.00-0.10	Non Hazardous		127
61	TP153	0.00-0.10	Non Hazardous		129
62	TP154	0.00-0.10	Non Hazardous		131
63	TP155	0.00-0.10	Non Hazardous		133

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
64	TP156	0.00-0.10	Non Hazardous		135
65	TP157	0.00-0.10	Non Hazardous		137
66	TP158	0.00-0.10	Non Hazardous		139
67	TP159	0.00-0.10	Non Hazardous		141
68	TP160	0.00-0.10	Non Hazardous		143
69	TP161	0.00-0.10	Non Hazardous		145
70	TP162	0.00-0.10	Non Hazardous		147
71	TP163	0.00-0.10	Non Hazardous		149
72	TP164	0.00-0.10	Non Hazardous		151
73	TP165	0.00-0.10	Non Hazardous		153
74	TP166	0.00-0.10	Non Hazardous		155
75	TP167	0.00-0.10	Non Hazardous		157
76	TP168	0.00-0.10	Non Hazardous		159
77	TP169	0.00-0.10	Non Hazardous		161
78	TP170	0.00-0.10	Non Hazardous		163
79	TP171	0.00-0.10	Non Hazardous		165
80	TP172	0.00-0.10	Non Hazardous		167
81	TP173	0.00-0.10	Non Hazardous		169
82	TP174	0.00-0.10	Non Hazardous		171
83	TP175	0.00-0.10	Non Hazardous		173
84	TP176	0.00-0.10	Non Hazardous		175
85	TP178	0.00-0.10	Non Hazardous		177
86	TP179	0.00-0.10	Non Hazardous		179
87	TP180	0.00-0.10	Hazardous	HP 7, HP 11	181
88	TP181	0.00-0.10	Non Hazardous		184
89	TP182	0.00-0.10	Non Hazardous		186
90	TP183	0.00-0.10	Non Hazardous		188
91	TP184	0.00-0.10	Non Hazardous		190
92	TP185	0.00-0.10	Non Hazardous		192
93	TP186	0.00-0.10	Hazardous	HP 10, HP 14	194
94	TP187	0.00-0.10	Non Hazardous		196
95	TP188	0.00-0.10	Non Hazardous		198
96	TP189	0.00-0.10	Non Hazardous		200
97	TP190	0.00-0.10	Non Hazardous		202
98	TP191	0.00-0.10	Non Hazardous		204
99	TP192	0.00-0.10	Non Hazardous		206
100	TP193	0.00-0.10	Non Hazardous		208
101	TP194	0.00-0.10	Non Hazardous		210
102	TP195	0.00-0.10	Non Hazardous		212
103	TP196	0.00-0.10	Non Hazardous		214
104	TP197	0.00-0.10	Non Hazardous		216
105	TP198	0.00-0.10	Non Hazardous		218
106	TP202	0.00-0.10	Non Hazardous		220
107	TP203	0.00-0.10	Non Hazardous		222
108	TP204	0.00-0.10	Non Hazardous		224
109	TP205	0.00-0.10	Non Hazardous		226
110	TP206	0.00-0.10	Non Hazardous		228
111	TP207	0.00-0.10	Non Hazardous		230
112	TP208	0.00-0.10	Non Hazardous		232
113	TP209	0.00-0.10	Hazardous	HP 7, HP 11	234
114	TP210	0.00-0.10	Non Hazardous		237
115	TP211	0.00-0.10	Non Hazardous		239
116	TP212	0.00-0.10	Non Hazardous		241
117	TP214	0.00-0.10	Non Hazardous		243
118	TP215	0.00-0.10	Non Hazardous		245
119	TP216	0.00-0.10	Non Hazardous		247
120	TP217	0.00-0.10	Non Hazardous		249
121	TP218	0.00-0.10	Non Hazardous		251
122	TP219	0.00-0.10	Hazardous	HP 7, HP 11	253
123	TP220	0.00-0.10	Non Hazardous		256
124	TP224	0.00-0.10	Non Hazardous		258
125	TP225	0.00-0.10	Non Hazardous		260
126	TP226	0.00-0.10	Non Hazardous		262
127	TP227	0.00-0.10	Non Hazardous		264
128	TP231	0.00-0.10	Non Hazardous		266
129	TP232	0.00-0.10	Non Hazardous		268

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
130	TP233	0.00-0.10	Non Hazardous		270
131	TP234	0.00-0.10	Non Hazardous		272
132	WS03	0.10-0.20	Non Hazardous		274
133	TP06	0.10-0.20	Non Hazardous		276
134	TP07	0.30-0.60	Non Hazardous		278
135	TP11	0.10-0.20	Non Hazardous		280
136	TP15	0.10-0.20	Non Hazardous		282
137	TP24	0.10-0.20	Non Hazardous		284
138	TP30	0.10-0.20	Non Hazardous		286
139	WS10	0.10-0.20	Non Hazardous		288

Related documents

#	Name	Description
1	BSL Suite	waste stream template used to create this Job

Report

Created by: Jack Mather

Created date: 13 Jun 2023 09:38 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	290
Appendix B: Rationale for selection of metal species	291
Appendix C: Version	291

Classification of sample: TP100

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

Sample details

Sample name:
TP100
Sample Depth:
0.00-0.20 m
Moisture content:
9.7%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 9.7% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.4	pH		6.4	pH	6.4 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		150	mg/kg	1.32	178.838	mg/kg	0.0179 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		37	mg/kg	1.462	48.832	mg/kg	0.00488 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		860	mg/kg	1.126	874.342	mg/kg	0.0874 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	350	mg/kg		316.05	mg/kg	0.0316 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		120	mg/kg	1.579	171.155	mg/kg	0.0171 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		770	mg/kg	1.245	865.462	mg/kg	0.0865 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		0.15	mg/kg		0.135	mg/kg	0.0000135 %	✓	
13	acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
14	acenaphthene		201-469-6	83-32-9		0.08	mg/kg		0.0722	mg/kg	0.00000722 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
			201-695-5	86-73-7									
16		phenanthrene				0.7	mg/kg		0.632	mg/kg	0.0000632 %	✓	
			201-581-5	85-01-8									
17		anthracene				0.19	mg/kg		0.172	mg/kg	0.0000172 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				1.4	mg/kg		1.264	mg/kg	0.000126 %	✓	
			205-912-4	206-44-0									
19		pyrene				1.4	mg/kg		1.264	mg/kg	0.000126 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				0.64	mg/kg		0.578	mg/kg	0.0000578 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				0.73	mg/kg		0.659	mg/kg	0.0000659 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				0.87	mg/kg		0.786	mg/kg	0.0000786 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				0.36	mg/kg		0.325	mg/kg	0.0000325 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				0.72	mg/kg		0.65	mg/kg	0.000065 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				0.33	mg/kg		0.298	mg/kg	0.0000298 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				0.1	mg/kg		0.0903	mg/kg	0.00000903 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				0.35	mg/kg		0.316	mg/kg	0.0000316 %	✓	
			205-883-8	191-24-2									
										Total:	0.247 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP101

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

Sample details

Sample name:
TP101
Sample Depth:
0.00-0.20 m
Moisture content:
17%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		5.7	pH		5.7	pH	5.7 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24	mg/kg	1.32	26.301	mg/kg	0.00263 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21	mg/kg	1.462	25.475	mg/kg	0.00255 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		61	mg/kg	1.126	57.004	mg/kg	0.0057 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	130	mg/kg		107.9	mg/kg	0.0108 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		16	mg/kg	1.579	20.976	mg/kg	0.0021 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		67	mg/kg	1.245	69.219	mg/kg	0.00692 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
13	acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
14	acenaphthene		201-469-6	83-32-9		0.2	mg/kg		0.166	mg/kg	0.0000166 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				0.13	mg/kg		0.108	mg/kg	0.0000108 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				1.9	mg/kg		1.577	mg/kg	0.000158 %	✓	
			201-581-5	85-01-8									
17		anthracene				0.52	mg/kg		0.432	mg/kg	0.0000432 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				3.9	mg/kg		3.237	mg/kg	0.000324 %	✓	
			205-912-4	206-44-0									
19		pyrene				3.8	mg/kg		3.154	mg/kg	0.000315 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				1.8	mg/kg		1.494	mg/kg	0.000149 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				2	mg/kg		1.66	mg/kg	0.000166 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				2.5	mg/kg		2.075	mg/kg	0.000208 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				0.98	mg/kg		0.813	mg/kg	0.0000813 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				2	mg/kg		1.66	mg/kg	0.000166 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				0.9	mg/kg		0.747	mg/kg	0.0000747 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				0.23	mg/kg		0.191	mg/kg	0.0000191 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				0.98	mg/kg		0.813	mg/kg	0.0000813 %	✓	
			205-883-8	191-24-2									
										Total:	0.0329 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP102

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

Sample details

Sample name:
TP102
Sample Depth:
0.00-0.15 m
Moisture content:
14%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.6	pH		6.6	pH	6.6 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		210	mg/kg	1.32	238.451	mg/kg	0.0238 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		36	mg/kg	1.462	45.25	mg/kg	0.00452 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		1000	mg/kg	1.126	968.264	mg/kg	0.0968 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	530	mg/kg		455.8	mg/kg	0.0456 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		150	mg/kg	1.579	203.755	mg/kg	0.0204 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		480	mg/kg	1.245	513.818	mg/kg	0.0514 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		1.7	mg/kg		1.462	mg/kg	0.000146 %	✓	
13	acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
14	acenaphthene		201-469-6	83-32-9		24	mg/kg		20.64	mg/kg	0.00206 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				15	mg/kg		12.9	mg/kg	0.00129 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				170	mg/kg		146.2	mg/kg	0.0146 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				42	mg/kg		36.12	mg/kg	0.00361 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				210	mg/kg		180.6	mg/kg	0.0181 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				180	mg/kg		154.8	mg/kg	0.0155 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				74	mg/kg		63.64	mg/kg	0.00636 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				73	mg/kg		62.78	mg/kg	0.00628 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				82	mg/kg		70.52	mg/kg	0.00705 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				27	mg/kg		23.22	mg/kg	0.00232 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				65	mg/kg		55.9	mg/kg	0.00559 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				33	mg/kg		28.38	mg/kg	0.00284 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				8.6	mg/kg		7.396	mg/kg	0.00074 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				41	mg/kg		35.26	mg/kg	0.00353 %	✓	
			205-883-8	191-24-2									
										Total:	0.333 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP103

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

Sample details

Sample name:
TP103
Sample Depth:
0.00-0.20 m
Moisture content:
12%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 10: Toxic for reproduction "waste which has adverse effects on sexual function and fertility in adult males and females, as well as developmental toxicity in the offspring"

Hazard Statements hit:

Repr. 1A; H360Df "May damage the unborn child. Suspected of damaging fertility."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.44%)

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Hazard Statements hit:

Aquatic Chronic 1; H410 "Very toxic to aquatic life with long lasting effects."

Because of determinands:

dicopper oxide; copper (I) oxide: (compound conc.: 0.109%)
lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.44%)
zinc oxide: (compound conc.: 0.131%)

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.8	pH		6.8	pH	6.8 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		320	mg/kg	1.32	371.804	mg/kg	0.0372 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		57	mg/kg	1.462	73.312	mg/kg	0.00733 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		1100	mg/kg	1.126	1089.86	mg/kg	0.109 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	5000	mg/kg		4400	mg/kg	0.44 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		130	mg/kg	1.579	180.695	mg/kg	0.0181 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		1200	mg/kg	1.245	1314.418	mg/kg	0.131 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
13		acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
14		acenaphthene		201-469-6	83-32-9		1.1	mg/kg		0.968	mg/kg	0.0000968 %	✓	
15		fluorene		201-695-5	86-73-7		0.69	mg/kg		0.607	mg/kg	0.0000607 %	✓	
16		phenanthrene		201-581-5	85-01-8		8	mg/kg		7.04	mg/kg	0.000704 %	✓	
17		anthracene		204-371-1	120-12-7		2.1	mg/kg		1.848	mg/kg	0.000185 %	✓	
18		fluoranthene		205-912-4	206-44-0		9.8	mg/kg		8.624	mg/kg	0.000862 %	✓	
19		pyrene		204-927-3	129-00-0		9.1	mg/kg		8.008	mg/kg	0.000801 %	✓	
20		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		3.9	mg/kg		3.432	mg/kg	0.000343 %	✓	
21		chrysene	601-048-00-0	205-923-4	218-01-9		4.1	mg/kg		3.608	mg/kg	0.000361 %	✓	
22		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		4.8	mg/kg		4.224	mg/kg	0.000422 %	✓	
23		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		1.8	mg/kg		1.584	mg/kg	0.000158 %	✓	
24		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		3.9	mg/kg		3.432	mg/kg	0.000343 %	✓	
25		indeno[123-cd]pyrene		205-893-2	193-39-5		1.7	mg/kg		1.496	mg/kg	0.00015 %	✓	
26		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.48	mg/kg		0.422	mg/kg	0.0000422 %	✓	
27		benzo[ghi]perylene		205-883-8	191-24-2		1.9	mg/kg		1.672	mg/kg	0.000167 %	✓	
											Total:	0.748 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP235

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

Sample details

Sample name:
TP235
Sample Depth:
0.00-0.15 m
Moisture content:
16%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 16% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.2	pH		7.2	pH	7.2 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		45	mg/kg	1.32	49.908	mg/kg	0.00499 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25	mg/kg	1.462	30.693	mg/kg	0.00307 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		87	mg/kg	1.126	82.28	mg/kg	0.00823 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	190	mg/kg		159.6	mg/kg	0.016 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		27	mg/kg	1.579	35.823	mg/kg	0.00358 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		140	mg/kg	1.245	146.378	mg/kg	0.0146 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
13	acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
14	acenaphthene		201-469-6	83-32-9		0.28	mg/kg		0.235	mg/kg	0.0000235 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				0.17	mg/kg		0.143	mg/kg	0.0000143 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				2.4	mg/kg		2.016	mg/kg	0.000202 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				0.63	mg/kg		0.529	mg/kg	0.0000529 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				4.8	mg/kg		4.032	mg/kg	0.000403 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				4.6	mg/kg		3.864	mg/kg	0.000386 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				2	mg/kg		1.68	mg/kg	0.000168 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				2.2	mg/kg		1.848	mg/kg	0.000185 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				2.5	mg/kg		2.1	mg/kg	0.00021 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				1.1	mg/kg		0.924	mg/kg	0.0000924 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				2.1	mg/kg		1.764	mg/kg	0.000176 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				0.87	mg/kg		0.731	mg/kg	0.0000731 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				0.23	mg/kg		0.193	mg/kg	0.0000193 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				0.91	mg/kg		0.764	mg/kg	0.0000764 %	✓	
			205-883-8	191-24-2									
										Total:	0.053 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP104

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

Sample details

Sample name:
TP104
Sample Depth:
0.00-0.20 m
Moisture content:
16%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Hazard Statements hit:

Aquatic Chronic 1; H410 "Very toxic to aquatic life with long lasting effects."

Because of determinands:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.134%)
zinc oxide: (compound conc.: 0.209%)

Determinands

Moisture content: 16% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		7	pH		7	pH	7pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		130	mg/kg	1.32	144.18	mg/kg	0.0144 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		51	mg/kg	1.462	62.613	mg/kg	0.00626 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		870	mg/kg	1.126	822.799	mg/kg	0.0823 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1600	mg/kg		1344	mg/kg	0.134 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.2	mg/kg	1.353	1.364	mg/kg	0.000136 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		100	mg/kg	1.579	132.678	mg/kg	0.0133 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		2000	mg/kg	1.245	2091.119	mg/kg	0.209 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		1.2	mg/kg		1.008	mg/kg	0.000101 %	✓	
13		acenaphthylene		205-917-1	208-96-8		0.26	mg/kg		0.218	mg/kg	0.0000218 %	✓	
14		acenaphthene		201-469-6	83-32-9		7.1	mg/kg		5.964	mg/kg	0.000596 %	✓	
15		fluorene		201-695-5	86-73-7		4.1	mg/kg		3.444	mg/kg	0.000344 %	✓	
16		phenanthrene		201-581-5	85-01-8		42	mg/kg		35.28	mg/kg	0.00353 %	✓	
17		anthracene		204-371-1	120-12-7		11	mg/kg		9.24	mg/kg	0.000924 %	✓	
18		fluoranthene		205-912-4	206-44-0		52	mg/kg		43.68	mg/kg	0.00437 %	✓	
19		pyrene		204-927-3	129-00-0		45	mg/kg		37.8	mg/kg	0.00378 %	✓	
20		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		23	mg/kg		19.32	mg/kg	0.00193 %	✓	
21		chrysene	601-048-00-0	205-923-4	218-01-9		23	mg/kg		19.32	mg/kg	0.00193 %	✓	
22		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		28	mg/kg		23.52	mg/kg	0.00235 %	✓	
23		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		10	mg/kg		8.4	mg/kg	0.00084 %	✓	
24		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		22	mg/kg		18.48	mg/kg	0.00185 %	✓	
25		indeno[123-cd]pyrene		205-893-2	193-39-5		9	mg/kg		7.56	mg/kg	0.000756 %	✓	
26		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		2.7	mg/kg		2.268	mg/kg	0.000227 %	✓	
27		benzo[ghi]perylene		205-883-8	191-24-2		9.3	mg/kg		7.812	mg/kg	0.000781 %	✓	
28		TPH (C6 to C40) petroleum group			TPH		292.2	mg/kg		245.448	mg/kg	0.0245 %	✓	
29		benzene	601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
31		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
32		xylene	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]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
											Total:	0.509 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The absence of a free draining liquid and the relatively low concentrations of short-chain hydrocarbons reported indicates that this hazard property is not applicable to this waste.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0245%)

Classification of sample: TP105

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

Sample details

Sample name:
TP105
Sample Depth:
0.00-0.20 m
Moisture content:
11%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		7.5	pH		7.5	pH	7.5 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		38	mg/kg	1.32	44.653	mg/kg	0.00447 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.5	mg/kg	1.285	2.86	mg/kg	0.000223 %	✓	
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		27	mg/kg	1.462	35.121	mg/kg	0.00351 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		360	mg/kg	1.126	360.735	mg/kg	0.0361 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	500	mg/kg		445	mg/kg	0.0445 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		2.7	mg/kg	1.353	3.252	mg/kg	0.000325 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		39	mg/kg	1.579	54.824	mg/kg	0.00548 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		490	mg/kg	1.245	542.82	mg/kg	0.0543 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		8	mg/kg		7.12	mg/kg	0.000712 %	✓	
13		acenaphthylene		205-917-1	208-96-8		2.3	mg/kg		2.047	mg/kg	0.000205 %	✓	
14		acenaphthene		201-469-6	83-32-9		39	mg/kg		34.71	mg/kg	0.00347 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				24	mg/kg		21.36	mg/kg	0.00214 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				270	mg/kg		240.3	mg/kg	0.024 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				80	mg/kg		71.2	mg/kg	0.00712 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				430	mg/kg		382.7	mg/kg	0.0383 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				360	mg/kg		320.4	mg/kg	0.032 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				190	mg/kg		169.1	mg/kg	0.0169 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				180	mg/kg		160.2	mg/kg	0.016 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				200	mg/kg		178	mg/kg	0.0178 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				94	mg/kg		83.66	mg/kg	0.00837 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				160	mg/kg		142.4	mg/kg	0.0142 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				90	mg/kg		80.1	mg/kg	0.00801 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				24	mg/kg		21.36	mg/kg	0.00214 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				100	mg/kg		89	mg/kg	0.0089 %	✓	
			205-883-8	191-24-2									
										Total:	0.35 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP106

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

Sample details

Sample name:
TP106
Sample Depth:
0.00-0.20 m
Moisture content:
12%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Hazard Statements hit:

Aquatic Chronic 1; H410 "Very toxic to aquatic life with long lasting effects."

Because of determinands:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.15%)
zinc oxide: (compound conc.: 0.164%)

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		7	pH		7	pH	7pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		94	mg/kg	1.32	109.217	mg/kg	0.0109 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	4.8	mg/kg	1.285	5.429	mg/kg	0.000422 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		45	mg/kg	1.462	57.878	mg/kg	0.00579 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		600	mg/kg	1.126	594.469	mg/kg	0.0594 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1700	mg/kg		1496	mg/kg	0.15 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.8	mg/kg	1.353	2.144	mg/kg	0.000214 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		61	mg/kg	1.579	84.788	mg/kg	0.00848 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
11		zinc { zinc oxide }				1500	mg/kg	1.245	1643.022	mg/kg	0.164 %	✓	
		030-013-00-7	215-222-5	1314-13-2									
12		naphthalene				1.7	mg/kg		1.496	mg/kg	0.00015 %	✓	
		601-052-00-2	202-049-5	91-20-3									
13		acenaphthylene				0.88	mg/kg		0.774	mg/kg	0.0000774 %	✓	
			205-917-1	208-96-8									
14		acenaphthene				9.1	mg/kg		8.008	mg/kg	0.000801 %	✓	
			201-469-6	83-32-9									
15		fluorene				4.9	mg/kg		4.312	mg/kg	0.000431 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				62	mg/kg		54.56	mg/kg	0.00546 %	✓	
			201-581-5	85-01-8									
17		anthracene				17	mg/kg		14.96	mg/kg	0.0015 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				110	mg/kg		96.8	mg/kg	0.00968 %	✓	
			205-912-4	206-44-0									
19		pyrene				100	mg/kg		88	mg/kg	0.0088 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				53	mg/kg		46.64	mg/kg	0.00466 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				51	mg/kg		44.88	mg/kg	0.00449 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				60	mg/kg		52.8	mg/kg	0.00528 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				20	mg/kg		17.6	mg/kg	0.00176 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				46	mg/kg		40.48	mg/kg	0.00405 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				24	mg/kg		21.12	mg/kg	0.00211 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				6.6	mg/kg		5.808	mg/kg	0.000581 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				30	mg/kg		26.4	mg/kg	0.00264 %	✓	
			205-883-8	191-24-2									
										Total:	0.452 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP237

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

Sample details

Sample name:
TP237
Sample Depth:
0.00-0.20 m
Moisture content:
13%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		7.6	pH		7.6	pH	7.6 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		43	mg/kg	1.32	49.393	mg/kg	0.00494 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		31	mg/kg	1.462	39.418	mg/kg	0.00394 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		230	mg/kg	1.126	225.29	mg/kg	0.0225 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	260	mg/kg		226.2	mg/kg	0.0226 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.4	mg/kg	1.353	0.471	mg/kg	0.0000471 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		31	mg/kg	1.579	42.599	mg/kg	0.00426 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		160	mg/kg	1.245	173.264	mg/kg	0.0173 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		2.9	mg/kg		2.523	mg/kg	0.000252 %	✓	
13		acenaphthylene		205-917-1	208-96-8		0.54	mg/kg		0.47	mg/kg	0.000047 %	✓	
14		acenaphthene		201-469-6	83-32-9		8.6	mg/kg		7.482	mg/kg	0.000748 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				4.9	mg/kg		4.263	mg/kg	0.000426 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				57	mg/kg		49.59	mg/kg	0.00496 %	✓	
			201-581-5	85-01-8									
17		anthracene				14	mg/kg		12.18	mg/kg	0.00122 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				110	mg/kg		95.7	mg/kg	0.00957 %	✓	
			205-912-4	206-44-0									
19		pyrene				95	mg/kg		82.65	mg/kg	0.00827 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				47	mg/kg		40.89	mg/kg	0.00409 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				48	mg/kg		41.76	mg/kg	0.00418 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				56	mg/kg		48.72	mg/kg	0.00487 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				22	mg/kg		19.14	mg/kg	0.00191 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				45	mg/kg		39.15	mg/kg	0.00392 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				24	mg/kg		20.88	mg/kg	0.00209 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				6.2	mg/kg		5.394	mg/kg	0.000539 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				30	mg/kg		26.1	mg/kg	0.00261 %	✓	
			205-883-8	191-24-2									
										Total:	0.126 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP107

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

Sample details

Sample name:
TP107
Sample Depth:
0.00-0.20 m
Moisture content:
15%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 15% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.9	pH		6.9	pH	6.9 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		95	mg/kg	1.32	106.616	mg/kg	0.0107 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		36	mg/kg	1.462	44.724	mg/kg	0.00447 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		440	mg/kg	1.126	421.082	mg/kg	0.0421 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	950	mg/kg		807.5	mg/kg	0.0808 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		2.2	mg/kg	1.353	2.531	mg/kg	0.000253 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		55	mg/kg	1.579	73.842	mg/kg	0.00738 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		720	mg/kg	1.245	761.765	mg/kg	0.0762 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		2.6	mg/kg		2.21	mg/kg	0.000221 %	✓	
13		acenaphthylene		205-917-1	208-96-8		0.95	mg/kg		0.808	mg/kg	0.0000807 %	✓	
14		acenaphthene		201-469-6	83-32-9		11	mg/kg		9.35	mg/kg	0.000935 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				6.3	mg/kg		5.355	mg/kg	0.000536 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				80	mg/kg		68	mg/kg	0.0068 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				19	mg/kg		16.15	mg/kg	0.00161 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				130	mg/kg		110.5	mg/kg	0.0111 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				110	mg/kg		93.5	mg/kg	0.00935 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				63	mg/kg		53.55	mg/kg	0.00536 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				57	mg/kg		48.45	mg/kg	0.00485 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				65	mg/kg		55.25	mg/kg	0.00553 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				30	mg/kg		25.5	mg/kg	0.00255 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				54	mg/kg		45.9	mg/kg	0.00459 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				30	mg/kg		25.5	mg/kg	0.00255 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				7.4	mg/kg		6.29	mg/kg	0.000629 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				37	mg/kg		31.45	mg/kg	0.00314 %	✓	
			205-883-8	191-24-2									
										Total:	0.282 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP238

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

Sample details

Sample name:
TP238
Sample Depth:
0.00-0.20 m
Moisture content:
11%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Hazard Statements hit:

Aquatic Chronic 1; H410 "Very toxic to aquatic life with long lasting effects."

Because of determinands:

phenanthrene: (conc.: 0.107%)
fluoranthene: (conc.: 0.142%)
pyrene: (conc.: 0.116%)

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		7.6	pH		7.6	pH	7.6 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		56	mg/kg	1.32	65.805	mg/kg	0.00658 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.9	mg/kg	1.285	3.317	mg/kg	0.000258 %	✓	
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19	mg/kg	1.462	24.715	mg/kg	0.00247 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		970	mg/kg	1.126	971.979	mg/kg	0.0972 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	290	mg/kg		258.1	mg/kg	0.0258 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.8	mg/kg	1.353	0.964	mg/kg	0.0000964 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		36	mg/kg	1.579	50.607	mg/kg	0.00506 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
11		zinc { zinc oxide }				630	mg/kg	1.245	697.911	mg/kg	0.0698 %	✓	
		030-013-00-7	215-222-5	1314-13-2									
12		naphthalene				26	mg/kg		23.14	mg/kg	0.00231 %	✓	
		601-052-00-2	202-049-5	91-20-3									
13		acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
			205-917-1	208-96-8									
14		acenaphthene				170	mg/kg		151.3	mg/kg	0.0151 %	✓	
			201-469-6	83-32-9									
15		fluorene				100	mg/kg		89	mg/kg	0.0089 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				1200	mg/kg		1068	mg/kg	0.107 %	✓	
			201-581-5	85-01-8									
17		anthracene				320	mg/kg		284.8	mg/kg	0.0285 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				1600	mg/kg		1424	mg/kg	0.142 %	✓	
			205-912-4	206-44-0									
19		pyrene				1300	mg/kg		1157	mg/kg	0.116 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				680	mg/kg		605.2	mg/kg	0.0605 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				630	mg/kg		560.7	mg/kg	0.0561 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				690	mg/kg		614.1	mg/kg	0.0614 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				200	mg/kg		178	mg/kg	0.0178 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				550	mg/kg		489.5	mg/kg	0.049 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				270	mg/kg		240.3	mg/kg	0.024 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				89	mg/kg		79.21	mg/kg	0.00792 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				320	mg/kg		284.8	mg/kg	0.0285 %	✓	
			205-883-8	191-24-2									
										Total:	0.933 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP108

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

Sample details

Sample name:
TP108
Sample Depth:
0.00-0.20 m
Moisture content:
11%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.9	pH		6.9	pH	6.9 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		58	mg/kg	1.32	68.155	mg/kg	0.00682 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	5	mg/kg	1.285	5.719	mg/kg	0.000445 %	✓	
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		41	mg/kg	1.462	53.332	mg/kg	0.00533 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		430	mg/kg	1.126	430.877	mg/kg	0.0431 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	600	mg/kg		534	mg/kg	0.0534 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		2.4	mg/kg	1.353	2.891	mg/kg	0.000289 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		52	mg/kg	1.579	73.099	mg/kg	0.00731 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		570	mg/kg	1.245	631.443	mg/kg	0.0631 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		11	mg/kg		9.79	mg/kg	0.000979 %	✓	
13		acenaphthylene		205-917-1	208-96-8		3.5	mg/kg		3.115	mg/kg	0.000312 %	✓	
14		acenaphthene		201-469-6	83-32-9		110	mg/kg		97.9	mg/kg	0.00979 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				55	mg/kg		48.95	mg/kg	0.0049 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				730	mg/kg		649.7	mg/kg	0.065 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				170	mg/kg		151.3	mg/kg	0.0151 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				1400	mg/kg		1246	mg/kg	0.125 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				1200	mg/kg		1068	mg/kg	0.107 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				620	mg/kg		551.8	mg/kg	0.0552 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				600	mg/kg		534	mg/kg	0.0534 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				620	mg/kg		551.8	mg/kg	0.0552 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				290	mg/kg		258.1	mg/kg	0.0258 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				570	mg/kg		507.3	mg/kg	0.0507 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				300	mg/kg		267	mg/kg	0.0267 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				89	mg/kg		79.21	mg/kg	0.00792 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				370	mg/kg		329.3	mg/kg	0.0329 %	✓	
			205-883-8	191-24-2									
										Total:	0.816 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP109

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

Sample details

Sample name:
TP109
Sample Depth:
0.00-0.15 m
Moisture content:
12%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.131%)

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.: 0.131%)

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.4 pH		6.4 pH	6.4 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		86 mg/kg	1.32	99.922 mg/kg	0.00999 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		32 mg/kg	1.462	41.157 mg/kg	0.00412 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		290 mg/kg	1.126	287.327 mg/kg	0.0287 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	470 mg/kg		413.6 mg/kg	0.0414 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.7	mg/kg	1.353	0.834	mg/kg	0.0000834 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		51	mg/kg	1.579	70.888	mg/kg	0.00709 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		320	mg/kg	1.245	350.511	mg/kg	0.0351 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		11	mg/kg		9.68	mg/kg	0.000968 %	✓	
13		acenaphthylene		205-917-1	208-96-8		2.7	mg/kg		2.376	mg/kg	0.000238 %	✓	
14		acenaphthene		201-469-6	83-32-9		70	mg/kg		61.6	mg/kg	0.00616 %	✓	
15		fluorene		201-695-5	86-73-7		39	mg/kg		34.32	mg/kg	0.00343 %	✓	
16		phenanthrene		201-581-5	85-01-8		480	mg/kg		422.4	mg/kg	0.0422 %	✓	
17		anthracene		204-371-1	120-12-7		120	mg/kg		105.6	mg/kg	0.0106 %	✓	
18		fluoranthene		205-912-4	206-44-0		750	mg/kg		660	mg/kg	0.066 %	✓	
19		pyrene		204-927-3	129-00-0		680	mg/kg		598.4	mg/kg	0.0598 %	✓	
20		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		320	mg/kg		281.6	mg/kg	0.0282 %	✓	
21		chrysene	601-048-00-0	205-923-4	218-01-9		330	mg/kg		290.4	mg/kg	0.029 %	✓	
22		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		350	mg/kg		308	mg/kg	0.0308 %	✓	
23		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		140	mg/kg		123.2	mg/kg	0.0123 %	✓	
24		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		300	mg/kg		264	mg/kg	0.0264 %	✓	
25		indeno[123-cd]pyrene		205-893-2	193-39-5		170	mg/kg		149.6	mg/kg	0.015 %	✓	
26		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		50	mg/kg		44	mg/kg	0.0044 %	✓	
27		benzo[ghi]perylene		205-883-8	191-24-2		210	mg/kg		184.8	mg/kg	0.0185 %	✓	
28		TPH (C6 to C40) petroleum group			TPH		1491.7	mg/kg		1312.696	mg/kg	0.131 %	✓	
29		benzene	601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
31		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
32		xylene	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]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
											Total:	0.612 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The absence of a free draining liquid and the relatively low concentrations of short-chain hydrocarbons reported indicates that this hazard property is not applicable to this waste.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.131%)

Classification of sample: TP240

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

Sample details

Sample name:
TP240
Sample Depth:
0.00-0.20 m
Moisture content:
12%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.103%)

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.: 0.103%)

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.7 pH		7.7 pH	7.7 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		52 mg/kg	1.32	60.418 mg/kg	0.00604 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.4 mg/kg	1.285	2.714 mg/kg	0.000211 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		40 mg/kg	1.462	51.447 mg/kg	0.00514 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		320 mg/kg	1.126	317.05 mg/kg	0.0317 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	400 mg/kg		352 mg/kg	0.0352 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.8	mg/kg	1.353	0.953	mg/kg	0.0000953 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		45	mg/kg	1.579	62.548	mg/kg	0.00625 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		380	mg/kg	1.245	416.232	mg/kg	0.0416 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		9.3	mg/kg		8.184	mg/kg	0.000818 %	✓	
13		acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
14		acenaphthene		201-469-6	83-32-9		78	mg/kg		68.64	mg/kg	0.00686 %	✓	
15		fluorene		201-695-5	86-73-7		48	mg/kg		42.24	mg/kg	0.00422 %	✓	
16		phenanthrene		201-581-5	85-01-8		520	mg/kg		457.6	mg/kg	0.0458 %	✓	
17		anthracene		204-371-1	120-12-7		120	mg/kg		105.6	mg/kg	0.0106 %	✓	
18		fluoranthene		205-912-4	206-44-0		660	mg/kg		580.8	mg/kg	0.0581 %	✓	
19		pyrene		204-927-3	129-00-0		580	mg/kg		510.4	mg/kg	0.051 %	✓	
20		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		270	mg/kg		237.6	mg/kg	0.0238 %	✓	
21		chrysene	601-048-00-0	205-923-4	218-01-9		260	mg/kg		228.8	mg/kg	0.0229 %	✓	
22		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		280	mg/kg		246.4	mg/kg	0.0246 %	✓	
23		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		100	mg/kg		88	mg/kg	0.0088 %	✓	
24		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		230	mg/kg		202.4	mg/kg	0.0202 %	✓	
25		indeno[123-cd]pyrene		205-893-2	193-39-5		120	mg/kg		105.6	mg/kg	0.0106 %	✓	
26		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		37	mg/kg		32.56	mg/kg	0.00326 %	✓	
27		benzo[ghi]perylene		205-883-8	191-24-2		160	mg/kg		140.8	mg/kg	0.0141 %	✓	
28		TPH (C6 to C40) petroleum group			TPH		1171.1	mg/kg		1030.568	mg/kg	0.103 %	✓	
29		benzene	601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
31		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
32		xylene	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]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
											Total:	0.535 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The absence of a free draining liquid and the relatively low concentrations of short-chain hydrocarbons reported indicates that this hazard property is not applicable to this waste.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.103%)

Classification of sample: TP239

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

Sample details

Sample name:
TP239
Sample Depth:
0.00-0.10 m
Moisture content:
13%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		7.6	pH		7.6	pH	7.6 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		34	mg/kg	1.32	39.055	mg/kg	0.00391 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.2	mg/kg	1.285	2.46	mg/kg	0.000191 %	✓	
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		34	mg/kg	1.462	43.233	mg/kg	0.00432 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		190	mg/kg	1.126	186.109	mg/kg	0.0186 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	380	mg/kg		330.6	mg/kg	0.0331 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.2	mg/kg	1.353	1.413	mg/kg	0.000141 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		25	mg/kg	1.579	34.354	mg/kg	0.00344 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		410	mg/kg	1.245	443.989	mg/kg	0.0444 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		5.3	mg/kg		4.611	mg/kg	0.000461 %	✓	
13		acenaphthylene		205-917-1	208-96-8		2.3	mg/kg		2.001	mg/kg	0.0002 %	✓	
14		acenaphthene		201-469-6	83-32-9		44	mg/kg		38.28	mg/kg	0.00383 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				25	mg/kg		21.75	mg/kg	0.00217 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				330	mg/kg		287.1	mg/kg	0.0287 %	✓	
			201-581-5	85-01-8									
17		anthracene				83	mg/kg		72.21	mg/kg	0.00722 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				500	mg/kg		435	mg/kg	0.0435 %	✓	
			205-912-4	206-44-0									
19		pyrene				460	mg/kg		400.2	mg/kg	0.04 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				210	mg/kg		182.7	mg/kg	0.0183 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				210	mg/kg		182.7	mg/kg	0.0183 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				220	mg/kg		191.4	mg/kg	0.0191 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				80	mg/kg		69.6	mg/kg	0.00696 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				190	mg/kg		165.3	mg/kg	0.0165 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				98	mg/kg		85.26	mg/kg	0.00853 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				22	mg/kg		19.14	mg/kg	0.00191 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				120	mg/kg		104.4	mg/kg	0.0104 %	✓	
			205-883-8	191-24-2									
										Total:	0.335 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP241

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

Sample details

Sample name:
TP241
Sample Depth:
0.00-0.20 m
Moisture content:
21%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 21% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.3	pH		6.3	pH	6.3 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		190	mg/kg	1.32	198.181	mg/kg	0.0198 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		34	mg/kg	1.462	39.257	mg/kg	0.00393 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		390	mg/kg	1.126	346.886	mg/kg	0.0347 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	590	mg/kg		466.1	mg/kg	0.0466 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1	mg/kg	1.353	1.069	mg/kg	0.000107 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		81	mg/kg	1.579	101.072	mg/kg	0.0101 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		550	mg/kg	1.245	540.828	mg/kg	0.0541 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		0.99	mg/kg		0.782	mg/kg	0.0000782 %	✓	
13		acenaphthylene		205-917-1	208-96-8		0.17	mg/kg		0.134	mg/kg	0.0000134 %	✓	
14		acenaphthene		201-469-6	83-32-9		3.6	mg/kg		2.844	mg/kg	0.000284 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				2.2	mg/kg		1.738	mg/kg	0.000174 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				27	mg/kg		21.33	mg/kg	0.00213 %	✓	
			201-581-5	85-01-8									
17		anthracene				6.8	mg/kg		5.372	mg/kg	0.000537 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				37	mg/kg		29.23	mg/kg	0.00292 %	✓	
			205-912-4	206-44-0									
19		pyrene				35	mg/kg		27.65	mg/kg	0.00276 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				15	mg/kg		11.85	mg/kg	0.00119 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				16	mg/kg		12.64	mg/kg	0.00126 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				19	mg/kg		15.01	mg/kg	0.0015 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				6.9	mg/kg		5.451	mg/kg	0.000545 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				15	mg/kg		11.85	mg/kg	0.00119 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				6	mg/kg		4.74	mg/kg	0.000474 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				1.8	mg/kg		1.422	mg/kg	0.000142 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				6.3	mg/kg		4.977	mg/kg	0.000498 %	✓	
			205-883-8	191-24-2									
										Total:	0.185 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP110

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

Sample details

Sample name:
TP110
Sample Depth:
0.00-0.20 m
Moisture content:
12%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.1	pH		6.1	pH	6.1 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		77	mg/kg	1.32	89.465	mg/kg	0.00895 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	3.7	mg/kg	1.285	4.185	mg/kg	0.000326 %	✓	
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		33	mg/kg	1.462	42.444	mg/kg	0.00424 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		360	mg/kg	1.126	356.681	mg/kg	0.0357 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	770	mg/kg		677.6	mg/kg	0.0678 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.5	mg/kg	1.353	1.787	mg/kg	0.000179 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		45	mg/kg	1.579	62.548	mg/kg	0.00625 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		420	mg/kg	1.245	460.046	mg/kg	0.046 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		5.5	mg/kg		4.84	mg/kg	0.000484 %	✓	
13		acenaphthylene		205-917-1	208-96-8		3.1	mg/kg		2.728	mg/kg	0.000273 %	✓	
14		acenaphthene		201-469-6	83-32-9		43	mg/kg		37.84	mg/kg	0.00378 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				25	mg/kg		22	mg/kg	0.0022 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				320	mg/kg		281.6	mg/kg	0.0282 %	✓	
			201-581-5	85-01-8									
17		anthracene				73	mg/kg		64.24	mg/kg	0.00642 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				510	mg/kg		448.8	mg/kg	0.0449 %	✓	
			205-912-4	206-44-0									
19		pyrene				460	mg/kg		404.8	mg/kg	0.0405 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				210	mg/kg		184.8	mg/kg	0.0185 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				210	mg/kg		184.8	mg/kg	0.0185 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				220	mg/kg		193.6	mg/kg	0.0194 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				83	mg/kg		73.04	mg/kg	0.0073 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				190	mg/kg		167.2	mg/kg	0.0167 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				96	mg/kg		84.48	mg/kg	0.00845 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				27	mg/kg		23.76	mg/kg	0.00238 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				120	mg/kg		105.6	mg/kg	0.0106 %	✓	
			205-883-8	191-24-2									
										Total:	0.398 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP111

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

Sample details

Sample name:
TP111
Sample Depth:
0.00-0.20 m
Moisture content:
12%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.5	pH		7.5	pH	7.5 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		220	mg/kg	1.32	255.615	mg/kg	0.0256 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		43	mg/kg	1.462	55.305	mg/kg	0.00553 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		650	mg/kg	1.126	644.008	mg/kg	0.0644 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1500	mg/kg		1320	mg/kg	0.132 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		130	mg/kg	1.579	180.695	mg/kg	0.0181 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		580	mg/kg	1.245	635.302	mg/kg	0.0635 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
13	acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
14	acenaphthene		201-469-6	83-32-9		4.7	mg/kg		4.136	mg/kg	0.000414 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				3.2	mg/kg		2.816	mg/kg	0.000282 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				47	mg/kg		41.36	mg/kg	0.00414 %	✓	
			201-581-5	85-01-8									
17		anthracene				12	mg/kg		10.56	mg/kg	0.00106 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				76	mg/kg		66.88	mg/kg	0.00669 %	✓	
			205-912-4	206-44-0									
19		pyrene				75	mg/kg		66	mg/kg	0.0066 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				29	mg/kg		25.52	mg/kg	0.00255 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				30	mg/kg		26.4	mg/kg	0.00264 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				31	mg/kg		27.28	mg/kg	0.00273 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				13	mg/kg		11.44	mg/kg	0.00114 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				26	mg/kg		22.88	mg/kg	0.00229 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				14	mg/kg		12.32	mg/kg	0.00123 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				4.1	mg/kg		3.608	mg/kg	0.000361 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				17	mg/kg		14.96	mg/kg	0.0015 %	✓	
			205-883-8	191-24-2									
										Total:	0.343 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP242

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

Sample details

Sample name:
TP242
Sample Depth:
0.00-0.20 m
Moisture content:
17%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.6	pH		6.6	pH	6.6 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		69	mg/kg	1.32	75.615	mg/kg	0.00756 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26	mg/kg	1.462	31.54	mg/kg	0.00315 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		210	mg/kg	1.126	196.242	mg/kg	0.0196 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	310	mg/kg		257.3	mg/kg	0.0257 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		40	mg/kg	1.579	52.439	mg/kg	0.00524 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		170	mg/kg	1.245	175.629	mg/kg	0.0176 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		1	mg/kg		0.83	mg/kg	0.000083 %	✓	
13		acenaphthylene		205-917-1	208-96-8		0.18	mg/kg		0.149	mg/kg	0.0000149 %	✓	
14		acenaphthene		201-469-6	83-32-9		0.85	mg/kg		0.706	mg/kg	0.0000706 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				0.71	mg/kg		0.589	mg/kg	0.0000589 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				8.3	mg/kg		6.889	mg/kg	0.000689 %	✓	
			201-581-5	85-01-8									
17		anthracene				1.8	mg/kg		1.494	mg/kg	0.000149 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				11	mg/kg		9.13	mg/kg	0.000913 %	✓	
			205-912-4	206-44-0									
19		pyrene				11	mg/kg		9.13	mg/kg	0.000913 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				4.9	mg/kg		4.067	mg/kg	0.000407 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				5.3	mg/kg		4.399	mg/kg	0.00044 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				5.3	mg/kg		4.399	mg/kg	0.00044 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				2	mg/kg		1.66	mg/kg	0.000166 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				4.5	mg/kg		3.735	mg/kg	0.000373 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				2.5	mg/kg		2.075	mg/kg	0.000208 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				0.64	mg/kg		0.531	mg/kg	0.0000531 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				3	mg/kg		2.49	mg/kg	0.000249 %	✓	
			205-883-8	191-24-2									
										Total:	0.0845 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP112

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

Sample details

Sample name:
TP112
Sample Depth:
0.00-0.20 m
Moisture content:
11%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.8	pH		6.8	pH	6.8 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		59	mg/kg	1.32	69.33	mg/kg	0.00693 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25	mg/kg	1.462	32.52	mg/kg	0.00325 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		270	mg/kg	1.126	270.551	mg/kg	0.0271 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	460	mg/kg		409.4	mg/kg	0.0409 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.8	mg/kg	1.353	0.964	mg/kg	0.0000964 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		40	mg/kg	1.579	56.23	mg/kg	0.00562 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		370	mg/kg	1.245	409.884	mg/kg	0.041 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		4.9	mg/kg		4.361	mg/kg	0.000436 %	✓	
13		acenaphthylene		205-917-1	208-96-8		1.7	mg/kg		1.513	mg/kg	0.000151 %	✓	
14		acenaphthene		201-469-6	83-32-9		33	mg/kg		29.37	mg/kg	0.00294 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				19	mg/kg		16.91	mg/kg	0.00169 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				260	mg/kg		231.4	mg/kg	0.0231 %	✓	
			201-581-5	85-01-8									
17		anthracene				66	mg/kg		58.74	mg/kg	0.00587 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				440	mg/kg		391.6	mg/kg	0.0392 %	✓	
			205-912-4	206-44-0									
19		pyrene				410	mg/kg		364.9	mg/kg	0.0365 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				200	mg/kg		178	mg/kg	0.0178 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				190	mg/kg		169.1	mg/kg	0.0169 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				220	mg/kg		195.8	mg/kg	0.0196 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				86	mg/kg		76.54	mg/kg	0.00765 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				180	mg/kg		160.2	mg/kg	0.016 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				98	mg/kg		87.22	mg/kg	0.00872 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				30	mg/kg		26.7	mg/kg	0.00267 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				120	mg/kg		106.8	mg/kg	0.0107 %	✓	
			205-883-8	191-24-2									
										Total:	0.335 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP113

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

Sample details

Sample name:
TP113
Sample Depth:
0.00-0.20 m
Moisture content:
10%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 10% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.1	pH		6.1	pH	6.1 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		60	mg/kg	1.32	71.298	mg/kg	0.00713 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		30	mg/kg	1.462	39.462	mg/kg	0.00395 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		300	mg/kg	1.126	303.99	mg/kg	0.0304 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	540	mg/kg		486	mg/kg	0.0486 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.6	mg/kg	1.353	1.949	mg/kg	0.000195 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		36	mg/kg	1.579	51.176	mg/kg	0.00512 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		350	mg/kg	1.245	392.085	mg/kg	0.0392 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		5.3	mg/kg		4.77	mg/kg	0.000477 %	✓	
13		acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
14		acenaphthene		201-469-6	83-32-9		77	mg/kg		69.3	mg/kg	0.00693 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				43	mg/kg		38.7	mg/kg	0.00387 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				450	mg/kg		405	mg/kg	0.0405 %	✓	
			201-581-5	85-01-8									
17		anthracene				120	mg/kg		108	mg/kg	0.0108 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				610	mg/kg		549	mg/kg	0.0549 %	✓	
			205-912-4	206-44-0									
19		pyrene				560	mg/kg		504	mg/kg	0.0504 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				270	mg/kg		243	mg/kg	0.0243 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				280	mg/kg		252	mg/kg	0.0252 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				290	mg/kg		261	mg/kg	0.0261 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				130	mg/kg		117	mg/kg	0.0117 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				240	mg/kg		216	mg/kg	0.0216 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				130	mg/kg		117	mg/kg	0.0117 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				40	mg/kg		36	mg/kg	0.0036 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				160	mg/kg		144	mg/kg	0.0144 %	✓	
			205-883-8	191-24-2									
										Total:	0.441 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP114

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

Sample details

Sample name:
TP114
Sample Depth:
0.00-0.20 m
Moisture content:
10%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 10% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6	pH		6	pH	6pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		110	mg/kg	1.32	130.712	mg/kg	0.0131 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		27	mg/kg	1.462	35.516	mg/kg	0.00355 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		330	mg/kg	1.126	334.389	mg/kg	0.0334 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	560	mg/kg		504	mg/kg	0.0504 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.7	mg/kg	1.353	0.853	mg/kg	0.0000853 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		55	mg/kg	1.579	78.185	mg/kg	0.00782 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		270	mg/kg	1.245	302.465	mg/kg	0.0302 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		6.2	mg/kg		5.58	mg/kg	0.000558 %	✓	
13		acenaphthylene		205-917-1	208-96-8		1.5	mg/kg		1.35	mg/kg	0.000135 %	✓	
14		acenaphthene		201-469-6	83-32-9		59	mg/kg		53.1	mg/kg	0.00531 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				36	mg/kg		32.4	mg/kg	0.00324 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				410	mg/kg		369	mg/kg	0.0369 %	✓	
			201-581-5	85-01-8									
17		anthracene				100	mg/kg		90	mg/kg	0.009 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				500	mg/kg		450	mg/kg	0.045 %	✓	
			205-912-4	206-44-0									
19		pyrene				440	mg/kg		396	mg/kg	0.0396 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				200	mg/kg		180	mg/kg	0.018 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				190	mg/kg		171	mg/kg	0.0171 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				210	mg/kg		189	mg/kg	0.0189 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				79	mg/kg		71.1	mg/kg	0.00711 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				170	mg/kg		153	mg/kg	0.0153 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				87	mg/kg		78.3	mg/kg	0.00783 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				26	mg/kg		23.4	mg/kg	0.00234 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				110	mg/kg		99	mg/kg	0.0099 %	✓	
			205-883-8	191-24-2									
										Total:	0.375 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP115

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

Sample details

Sample name:
TP115
Sample Depth:
0.00-0.15 m
Moisture content:
10%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 10% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.2	pH		6.2	pH	6.2 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		220	mg/kg	1.32	261.424	mg/kg	0.0261 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		43	mg/kg	1.462	56.562	mg/kg	0.00566 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		490	mg/kg	1.126	496.517	mg/kg	0.0497 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	930	mg/kg		837	mg/kg	0.0837 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		100	mg/kg	1.579	142.155	mg/kg	0.0142 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		490	mg/kg	1.245	548.919	mg/kg	0.0549 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		0.42	mg/kg		0.378	mg/kg	0.0000378 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.09	mg/kg		0.081	mg/kg	0.0000081 %	✓	
14	acenaphthene		201-469-6	83-32-9		3.2	mg/kg		2.88	mg/kg	0.000288 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				1.9	mg/kg		1.71	mg/kg	0.000171 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				23	mg/kg		20.7	mg/kg	0.00207 %	✓	
			201-581-5	85-01-8									
17		anthracene				5.3	mg/kg		4.77	mg/kg	0.000477 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				28	mg/kg		25.2	mg/kg	0.00252 %	✓	
			205-912-4	206-44-0									
19		pyrene				25	mg/kg		22.5	mg/kg	0.00225 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				12	mg/kg		10.8	mg/kg	0.00108 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				13	mg/kg		11.7	mg/kg	0.00117 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				12	mg/kg		10.8	mg/kg	0.00108 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				4.7	mg/kg		4.23	mg/kg	0.000423 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				10	mg/kg		9	mg/kg	0.0009 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				6	mg/kg		5.4	mg/kg	0.00054 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				1.5	mg/kg		1.35	mg/kg	0.000135 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				7	mg/kg		6.3	mg/kg	0.00063 %	✓	
			205-883-8	191-24-2									
										Total:	0.248 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP116

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

Sample details

Sample name:
TP116
Sample Depth:
0.00-0.20 m
Moisture content:
15%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 15% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.7	pH		6.7	pH	6.7 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		230	mg/kg	1.32	258.124	mg/kg	0.0258 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		45	mg/kg	1.462	55.905	mg/kg	0.00559 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		530	mg/kg	1.126	507.213	mg/kg	0.0507 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	590	mg/kg		501.5	mg/kg	0.0501 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		110	mg/kg	1.579	147.683	mg/kg	0.0148 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		940	mg/kg	1.245	994.526	mg/kg	0.0995 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		0.1	mg/kg		0.085	mg/kg	0.0000085 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.06	mg/kg		0.051	mg/kg	0.0000051 %	✓	
14	acenaphthene		201-469-6	83-32-9		0.45	mg/kg		0.383	mg/kg	0.0000383 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				0.25	mg/kg		0.213	mg/kg	0.0000212 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				3.9	mg/kg		3.315	mg/kg	0.000331 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				0.87	mg/kg		0.74	mg/kg	0.000074 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				7.8	mg/kg		6.63	mg/kg	0.000663 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				7.1	mg/kg		6.035	mg/kg	0.000603 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				3.5	mg/kg		2.975	mg/kg	0.000298 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				3.6	mg/kg		3.06	mg/kg	0.000306 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				4.2	mg/kg		3.57	mg/kg	0.000357 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				1.6	mg/kg		1.36	mg/kg	0.000136 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				3.4	mg/kg		2.89	mg/kg	0.000289 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				2.2	mg/kg		1.87	mg/kg	0.000187 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				0.54	mg/kg		0.459	mg/kg	0.0000459 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				2.5	mg/kg		2.125	mg/kg	0.000213 %	✓	
			205-883-8	191-24-2									
										Total:	0.251 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP117

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

Sample details

Sample name:
TP117
Sample Depth:
0.00-0.20 m
Moisture content:
13%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.3	pH		6.3	pH	6.3 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		58	mg/kg	1.32	66.624	mg/kg	0.00666 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	3.7	mg/kg	1.285	4.137	mg/kg	0.000322 %	✓	
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		33	mg/kg	1.462	41.961	mg/kg	0.0042 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		270	mg/kg	1.126	264.471	mg/kg	0.0264 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	790	mg/kg		687.3	mg/kg	0.0687 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		4.5	mg/kg	1.353	5.299	mg/kg	0.00053 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		47	mg/kg	1.579	64.586	mg/kg	0.00646 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		1500	mg/kg	1.245	1624.352	mg/kg	0.162 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		2	mg/kg		1.74	mg/kg	0.000174 %	✓	
13		acenaphthylene		205-917-1	208-96-8		0.8	mg/kg		0.696	mg/kg	0.0000696 %	✓	
14		acenaphthene		201-469-6	83-32-9		17	mg/kg		14.79	mg/kg	0.00148 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				11	mg/kg		9.57	mg/kg	0.000957 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				130	mg/kg		113.1	mg/kg	0.0113 %	✓	
			201-581-5	85-01-8									
17		anthracene				32	mg/kg		27.84	mg/kg	0.00278 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				180	mg/kg		156.6	mg/kg	0.0157 %	✓	
			205-912-4	206-44-0									
19		pyrene				160	mg/kg		139.2	mg/kg	0.0139 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				69	mg/kg		60.03	mg/kg	0.006 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				71	mg/kg		61.77	mg/kg	0.00618 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				81	mg/kg		70.47	mg/kg	0.00705 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				24	mg/kg		20.88	mg/kg	0.00209 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				59	mg/kg		51.33	mg/kg	0.00513 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				32	mg/kg		27.84	mg/kg	0.00278 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				9	mg/kg		7.83	mg/kg	0.000783 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				39	mg/kg		33.93	mg/kg	0.00339 %	✓	
			205-883-8	191-24-2									
28		TPH (C6 to C40) petroleum group				609.8	mg/kg		530.526	mg/kg	0.0531 %	✓	
				TPH									
29		benzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
30		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
31		ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
32		xylene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
										Total:	0.409 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The absence of a free draining liquid and the relatively low concentrations of short-chain hydrocarbons reported indicates that this hazard property is not applicable to this waste.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0531%)

Classification of sample: TP118

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

Sample details

Sample name:
TP118
Sample Depth:
0.00-0.10 m
Moisture content:
16%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 16% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.5	pH		6.5	pH	6.5 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		53	mg/kg	1.32	58.781	mg/kg	0.00588 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		33	mg/kg	1.462	40.514	mg/kg	0.00405 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		210	mg/kg	1.126	198.607	mg/kg	0.0199 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	550	mg/kg		462	mg/kg	0.0462 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.4	mg/kg	1.353	1.592	mg/kg	0.000159 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		41	mg/kg	1.579	54.398	mg/kg	0.00544 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		460	mg/kg	1.245	480.957	mg/kg	0.0481 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		10	mg/kg		8.4	mg/kg	0.00084 %	✓	
13		acenaphthylene		205-917-1	208-96-8		1.3	mg/kg		1.092	mg/kg	0.000109 %	✓	
14		acenaphthene		201-469-6	83-32-9		27	mg/kg		22.68	mg/kg	0.00227 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				17	mg/kg		14.28	mg/kg	0.00143 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				200	mg/kg		168	mg/kg	0.0168 %	✓	
			201-581-5	85-01-8									
17		anthracene				48	mg/kg		40.32	mg/kg	0.00403 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				270	mg/kg		226.8	mg/kg	0.0227 %	✓	
			205-912-4	206-44-0									
19		pyrene				240	mg/kg		201.6	mg/kg	0.0202 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				110	mg/kg		92.4	mg/kg	0.00924 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				110	mg/kg		92.4	mg/kg	0.00924 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				130	mg/kg		109.2	mg/kg	0.0109 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				43	mg/kg		36.12	mg/kg	0.00361 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				100	mg/kg		84	mg/kg	0.0084 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				56	mg/kg		47.04	mg/kg	0.0047 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				16	mg/kg		13.44	mg/kg	0.00134 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				68	mg/kg		57.12	mg/kg	0.00571 %	✓	
			205-883-8	191-24-2									
										Total:	0.252 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP119

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

Sample details

Sample name:
TP119
Sample Depth:
0.00-0.10 m
Moisture content:
14%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.8	pH		7.8	pH	7.8 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		36	mg/kg	1.32	40.877	mg/kg	0.00409 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	1.8	mg/kg	1.285	1.99	mg/kg	0.000155 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21	mg/kg	1.462	26.396	mg/kg	0.00264 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		150	mg/kg	1.126	145.24	mg/kg	0.0145 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	860	mg/kg		739.6	mg/kg	0.074 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.8	mg/kg	1.353	0.931	mg/kg	0.0000931 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		22	mg/kg	1.579	29.884	mg/kg	0.00299 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		410	mg/kg	1.245	438.886	mg/kg	0.0439 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		0.89	mg/kg		0.765	mg/kg	0.0000765 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1	mg/kg		0.86	mg/kg	0.000086 %	✓	
14	acenaphthene		201-469-6	83-32-9		9.6	mg/kg		8.256	mg/kg	0.000826 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				5.5	mg/kg		4.73	mg/kg	0.000473 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				80	mg/kg		68.8	mg/kg	0.00688 %	✓	
			201-581-5	85-01-8									
17		anthracene				22	mg/kg		18.92	mg/kg	0.00189 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				130	mg/kg		111.8	mg/kg	0.0112 %	✓	
			205-912-4	206-44-0									
19		pyrene				120	mg/kg		103.2	mg/kg	0.0103 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				53	mg/kg		45.58	mg/kg	0.00456 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				57	mg/kg		49.02	mg/kg	0.0049 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				59	mg/kg		50.74	mg/kg	0.00507 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				28	mg/kg		24.08	mg/kg	0.00241 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				47	mg/kg		40.42	mg/kg	0.00404 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				26	mg/kg		22.36	mg/kg	0.00224 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				7.9	mg/kg		6.794	mg/kg	0.000679 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				32	mg/kg		27.52	mg/kg	0.00275 %	✓	
			205-883-8	191-24-2									
										Total:	0.201 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP120

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

Sample details

Sample name:
TP120
Sample Depth:
0.00-0.10 m
Moisture content:
19%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 19% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		5.8	pH		5.8	pH	5.8 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		67	mg/kg	1.32	71.654	mg/kg	0.00717 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20	mg/kg	1.462	23.677	mg/kg	0.00237 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		520	mg/kg	1.126	474.224	mg/kg	0.0474 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	690	mg/kg		558.9	mg/kg	0.0559 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.7	mg/kg	1.353	0.767	mg/kg	0.0000767 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		38	mg/kg	1.579	48.617	mg/kg	0.00486 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		440	mg/kg	1.245	443.616	mg/kg	0.0444 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		0.32	mg/kg		0.259	mg/kg	0.0000259 %	✓	
13		acenaphthylene		205-917-1	208-96-8		0.21	mg/kg		0.17	mg/kg	0.000017 %	✓	
14		acenaphthene		201-469-6	83-32-9		1.7	mg/kg		1.377	mg/kg	0.000138 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				0.84	mg/kg		0.68	mg/kg	0.000068 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				13	mg/kg		10.53	mg/kg	0.00105 %	✓	
			201-581-5	85-01-8									
17		anthracene				3.8	mg/kg		3.078	mg/kg	0.000308 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				33	mg/kg		26.73	mg/kg	0.00267 %	✓	
			205-912-4	206-44-0									
19		pyrene				29	mg/kg		23.49	mg/kg	0.00235 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				18	mg/kg		14.58	mg/kg	0.00146 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				19	mg/kg		15.39	mg/kg	0.00154 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				22	mg/kg		17.82	mg/kg	0.00178 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				9	mg/kg		7.29	mg/kg	0.000729 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				18	mg/kg		14.58	mg/kg	0.00146 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				11	mg/kg		8.91	mg/kg	0.000891 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				2.7	mg/kg		2.187	mg/kg	0.000219 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				13	mg/kg		10.53	mg/kg	0.00105 %	✓	
			205-883-8	191-24-2									
										Total:	0.178 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP121

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

Sample details

Sample name:
TP121
Sample Depth:
0.00-0.10 m
Moisture content:
17%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.3	pH		6.3	pH	6.3 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		57	mg/kg	1.32	62.465	mg/kg	0.00625 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26	mg/kg	1.462	31.54	mg/kg	0.00315 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		370	mg/kg	1.126	345.76	mg/kg	0.0346 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	800	mg/kg		664	mg/kg	0.0664 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.1	mg/kg	1.353	1.236	mg/kg	0.000124 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		32	mg/kg	1.579	41.952	mg/kg	0.0042 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		470	mg/kg	1.245	485.563	mg/kg	0.0486 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		2.5	mg/kg		2.075	mg/kg	0.000208 %	✓	
13		acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
14		acenaphthene		201-469-6	83-32-9		7.2	mg/kg		5.976	mg/kg	0.000598 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				4.1	mg/kg		3.403	mg/kg	0.00034 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				43	mg/kg		35.69	mg/kg	0.00357 %	✓	
			201-581-5	85-01-8									
17		anthracene				13	mg/kg		10.79	mg/kg	0.00108 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				73	mg/kg		60.59	mg/kg	0.00606 %	✓	
			205-912-4	206-44-0									
19		pyrene				64	mg/kg		53.12	mg/kg	0.00531 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				29	mg/kg		24.07	mg/kg	0.00241 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				30	mg/kg		24.9	mg/kg	0.00249 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				34	mg/kg		28.22	mg/kg	0.00282 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				13	mg/kg		10.79	mg/kg	0.00108 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				25	mg/kg		20.75	mg/kg	0.00208 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				15	mg/kg		12.45	mg/kg	0.00125 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				4.2	mg/kg		3.486	mg/kg	0.000349 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				18	mg/kg		14.94	mg/kg	0.00149 %	✓	
			205-883-8	191-24-2									
										Total:	0.195 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP122

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

Sample details

Sample name:
TP122
Sample Depth:
0.00-0.05 m
Moisture content:
15%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 15% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		5.7	pH		5.7	pH	5.7 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		47	mg/kg	1.32	52.747	mg/kg	0.00527 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.2	mg/kg	1.285	2.403	mg/kg	0.000187 %	✓	
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24	mg/kg	1.462	29.816	mg/kg	0.00298 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		180	mg/kg	1.126	172.261	mg/kg	0.0172 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	610	mg/kg		518.5	mg/kg	0.0519 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.4	mg/kg	1.353	1.611	mg/kg	0.000161 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		29	mg/kg	1.579	38.935	mg/kg	0.00389 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		390	mg/kg	1.245	412.623	mg/kg	0.0413 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
13		acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
14		acenaphthene		201-469-6	83-32-9		3.9	mg/kg		3.315	mg/kg	0.000331 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				1.9	mg/kg		1.615	mg/kg	0.000162 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				30	mg/kg		25.5	mg/kg	0.00255 %	✓	
			201-581-5	85-01-8									
17		anthracene				8.2	mg/kg		6.97	mg/kg	0.000697 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				74	mg/kg		62.9	mg/kg	0.00629 %	✓	
			205-912-4	206-44-0									
19		pyrene				67	mg/kg		56.95	mg/kg	0.0057 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				33	mg/kg		28.05	mg/kg	0.00281 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				33	mg/kg		28.05	mg/kg	0.00281 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				41	mg/kg		34.85	mg/kg	0.00349 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				17	mg/kg		14.45	mg/kg	0.00145 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				31	mg/kg		26.35	mg/kg	0.00264 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				20	mg/kg		17	mg/kg	0.0017 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				5.5	mg/kg		4.675	mg/kg	0.000467 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				23	mg/kg		19.55	mg/kg	0.00196 %	✓	
			205-883-8	191-24-2									
										Total:	0.156 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP123

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

Sample details

Sample name:
TP123
Sample Depth:
0.00-0.10 m
Moisture content:
16%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 16% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.7	pH		6.7	pH	6.7 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		37	mg/kg	1.32	41.036	mg/kg	0.0041 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2	mg/kg	1.285	2.159	mg/kg	0.000168 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17	mg/kg	1.462	20.871	mg/kg	0.00209 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		140	mg/kg	1.126	132.404	mg/kg	0.0132 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	420	mg/kg		352.8	mg/kg	0.0353 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.7	mg/kg	1.353	0.796	mg/kg	0.0000796 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		26	mg/kg	1.579	34.496	mg/kg	0.00345 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		320	mg/kg	1.245	334.579	mg/kg	0.0335 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		2	mg/kg		1.68	mg/kg	0.000168 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.34	mg/kg		0.286	mg/kg	0.0000286 %	✓	
14	acenaphthene		201-469-6	83-32-9		5	mg/kg		4.2	mg/kg	0.00042 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				2.9	mg/kg		2.436	mg/kg	0.000244 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				33	mg/kg		27.72	mg/kg	0.00277 %	✓	
			201-581-5	85-01-8									
17		anthracene				8.4	mg/kg		7.056	mg/kg	0.000706 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				56	mg/kg		47.04	mg/kg	0.0047 %	✓	
			205-912-4	206-44-0									
19		pyrene				50	mg/kg		42	mg/kg	0.0042 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				30	mg/kg		25.2	mg/kg	0.00252 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				32	mg/kg		26.88	mg/kg	0.00269 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				36	mg/kg		30.24	mg/kg	0.00302 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				14	mg/kg		11.76	mg/kg	0.00118 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				30	mg/kg		25.2	mg/kg	0.00252 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				18	mg/kg		15.12	mg/kg	0.00151 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				4.4	mg/kg		3.696	mg/kg	0.00037 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				21	mg/kg		17.64	mg/kg	0.00176 %	✓	
			205-883-8	191-24-2									
										Total:	0.121 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP124

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

Sample details

Sample name:
TP124
Sample Depth:
0.00-0.10 m
Moisture content:
15%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 15% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		5.8	pH		5.8	pH	5.8 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		58	mg/kg	1.32	65.092	mg/kg	0.00651 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21	mg/kg	1.462	26.089	mg/kg	0.00261 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		150	mg/kg	1.126	143.551	mg/kg	0.0144 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	310	mg/kg		263.5	mg/kg	0.0263 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		32	mg/kg	1.579	42.962	mg/kg	0.0043 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		190	mg/kg	1.245	201.021	mg/kg	0.0201 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		1.3	mg/kg		1.105	mg/kg	0.000111 %	✓	
13		acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
14		acenaphthene		201-469-6	83-32-9		13	mg/kg		11.05	mg/kg	0.00111 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				8.2	mg/kg		6.97	mg/kg	0.000697 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				96	mg/kg		81.6	mg/kg	0.00816 %	✓	
			201-581-5	85-01-8									
17		anthracene				27	mg/kg		22.95	mg/kg	0.00229 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				150	mg/kg		127.5	mg/kg	0.0127 %	✓	
			205-912-4	206-44-0									
19		pyrene				130	mg/kg		110.5	mg/kg	0.0111 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				54	mg/kg		45.9	mg/kg	0.00459 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				56	mg/kg		47.6	mg/kg	0.00476 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				61	mg/kg		51.85	mg/kg	0.00519 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				24	mg/kg		20.4	mg/kg	0.00204 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				49	mg/kg		41.65	mg/kg	0.00416 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				26	mg/kg		22.1	mg/kg	0.00221 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				7.7	mg/kg		6.545	mg/kg	0.000655 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				32	mg/kg		27.2	mg/kg	0.00272 %	✓	
			205-883-8	191-24-2									
										Total:	0.137 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP125

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

Sample details

Sample name:
TP125
Sample Depth:
0.00-0.10 m
Moisture content:
14%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.3	pH		6.3	pH	6.3 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		36	mg/kg	1.32	40.877	mg/kg	0.00409 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	7.2	mg/kg	1.285	7.958	mg/kg	0.000619 %	✓	
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22	mg/kg	1.462	27.653	mg/kg	0.00277 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		150	mg/kg	1.126	145.24	mg/kg	0.0145 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	420	mg/kg		361.2	mg/kg	0.0361 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.9	mg/kg	1.353	1.048	mg/kg	0.000105 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		28	mg/kg	1.579	38.034	mg/kg	0.0038 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		710	mg/kg	1.245	760.022	mg/kg	0.076 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		1.7	mg/kg		1.462	mg/kg	0.000146 %	✓	
13		acenaphthylene		205-917-1	208-96-8		0.99	mg/kg		0.851	mg/kg	0.0000851 %	✓	
14		acenaphthene		201-469-6	83-32-9		17	mg/kg		14.62	mg/kg	0.00146 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				11	mg/kg		9.46	mg/kg	0.000946 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				120	mg/kg		103.2	mg/kg	0.0103 %	✓	
			201-581-5	85-01-8									
17		anthracene				36	mg/kg		30.96	mg/kg	0.0031 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				190	mg/kg		163.4	mg/kg	0.0163 %	✓	
			205-912-4	206-44-0									
19		pyrene				170	mg/kg		146.2	mg/kg	0.0146 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				83	mg/kg		71.38	mg/kg	0.00714 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				85	mg/kg		73.1	mg/kg	0.00731 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				90	mg/kg		77.4	mg/kg	0.00774 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				42	mg/kg		36.12	mg/kg	0.00361 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				74	mg/kg		63.64	mg/kg	0.00636 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				41	mg/kg		35.26	mg/kg	0.00353 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				12	mg/kg		10.32	mg/kg	0.00103 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				49	mg/kg		42.14	mg/kg	0.00421 %	✓	
			205-883-8	191-24-2									
										Total:	0.226 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP126

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

Sample details

Sample name:
TP126
Sample Depth:
0.00-0.10 m
Moisture content:
18%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 18% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		7.7	pH		7.7	pH	7.7 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		37	mg/kg	1.32	40.059	mg/kg	0.00401 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15	mg/kg	1.462	17.977	mg/kg	0.0018 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		82	mg/kg	1.126	75.705	mg/kg	0.00757 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	290	mg/kg		237.8	mg/kg	0.0238 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		19	mg/kg	1.579	24.609	mg/kg	0.00246 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		180	mg/kg	1.245	183.72	mg/kg	0.0184 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		0.21	mg/kg		0.172	mg/kg	0.0000172 %	✓	
13		acenaphthylene		205-917-1	208-96-8		0.18	mg/kg		0.148	mg/kg	0.0000148 %	✓	
14		acenaphthene		201-469-6	83-32-9		1.4	mg/kg		1.148	mg/kg	0.000115 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				0.79	mg/kg		0.648	mg/kg	0.0000648 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				12	mg/kg		9.84	mg/kg	0.000984 %	✓	
			201-581-5	85-01-8									
17		anthracene				3.1	mg/kg		2.542	mg/kg	0.000254 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				25	mg/kg		20.5	mg/kg	0.00205 %	✓	
			205-912-4	206-44-0									
19		pyrene				23	mg/kg		18.86	mg/kg	0.00189 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				13	mg/kg		10.66	mg/kg	0.00107 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				14	mg/kg		11.48	mg/kg	0.00115 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				17	mg/kg		13.94	mg/kg	0.00139 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				5.4	mg/kg		4.428	mg/kg	0.000443 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				13	mg/kg		10.66	mg/kg	0.00107 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				8.1	mg/kg		6.642	mg/kg	0.000664 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				2	mg/kg		1.64	mg/kg	0.000164 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				9.3	mg/kg		7.626	mg/kg	0.000763 %	✓	
			205-883-8	191-24-2									
										Total:	0.0705 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP127

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

Sample details

Sample name:
TP127
Sample Depth:
0.00-0.05 m
Moisture content:
22%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.119%)

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.: 0.119%)

Determinands

Moisture content: 22% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.3	pH		6.3	pH	6.3 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		38	mg/kg	1.32	39.134	mg/kg	0.00391 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17	mg/kg	1.462	19.38	mg/kg	0.00194 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		130	mg/kg	1.126	114.165	mg/kg	0.0114 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	500	mg/kg		390	mg/kg	0.039 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.9	mg/kg	1.353	0.95	mg/kg	0.000095 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		22	mg/kg	1.579	27.104	mg/kg	0.00271 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		260	mg/kg	1.245	252.428	mg/kg	0.0252 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		1.2	mg/kg		0.936	mg/kg	0.0000936 %	✓	
13		acenaphthylene		205-917-1	208-96-8		0.9	mg/kg		0.702	mg/kg	0.0000702 %	✓	
14		acenaphthene		201-469-6	83-32-9		8.9	mg/kg		6.942	mg/kg	0.000694 %	✓	
15		fluorene		201-695-5	86-73-7		4.9	mg/kg		3.822	mg/kg	0.000382 %	✓	
16		phenanthrene		201-581-5	85-01-8		68	mg/kg		53.04	mg/kg	0.0053 %	✓	
17		anthracene		204-371-1	120-12-7		19	mg/kg		14.82	mg/kg	0.00148 %	✓	
18		fluoranthene		205-912-4	206-44-0		160	mg/kg		124.8	mg/kg	0.0125 %	✓	
19		pyrene		204-927-3	129-00-0		140	mg/kg		109.2	mg/kg	0.0109 %	✓	
20		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		73	mg/kg		56.94	mg/kg	0.00569 %	✓	
21		chrysene	601-048-00-0	205-923-4	218-01-9		76	mg/kg		59.28	mg/kg	0.00593 %	✓	
22		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		92	mg/kg		71.76	mg/kg	0.00718 %	✓	
23		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		35	mg/kg		27.3	mg/kg	0.00273 %	✓	
24		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		67	mg/kg		52.26	mg/kg	0.00523 %	✓	
25		indeno[123-cd]pyrene		205-893-2	193-39-5		42	mg/kg		32.76	mg/kg	0.00328 %	✓	
26		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		12	mg/kg		9.36	mg/kg	0.000936 %	✓	
27		benzo[ghi]perylene		205-883-8	191-24-2		48	mg/kg		37.44	mg/kg	0.00374 %	✓	
28		TPH (C6 to C40) petroleum group			TPH		1520.1	mg/kg		1185.678	mg/kg	0.119 %	✓	
29		benzene	601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
31		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
32		xylene	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]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
											Total:	0.269 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The absence of a free draining liquid and the relatively low concentrations of short-chain hydrocarbons reported indicates that this hazard property is not applicable to this waste.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.119%)

Classification of sample: TP128

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

Sample details

Sample name:
TP128
Sample Depth:
0.00-0.10 m
Moisture content:
16%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 16% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6	pH		6	pH	6pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		55	mg/kg	1.32	60.999	mg/kg	0.0061 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20	mg/kg	1.462	24.554	mg/kg	0.00246 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		160	mg/kg	1.126	151.319	mg/kg	0.0151 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	680	mg/kg		571.2	mg/kg	0.0571 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.7	mg/kg	1.353	0.796	mg/kg	0.0000796 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		30	mg/kg	1.579	39.803	mg/kg	0.00398 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		400	mg/kg	1.245	418.224	mg/kg	0.0418 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		3	mg/kg		2.52	mg/kg	0.000252 %	✓	
13	acenaphthylene		205-917-1	208-96-8		2.5	mg/kg		2.1	mg/kg	0.00021 %	✓	
14	acenaphthene		201-469-6	83-32-9		28	mg/kg		23.52	mg/kg	0.00235 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				16	mg/kg		13.44	mg/kg	0.00134 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				180	mg/kg		151.2	mg/kg	0.0151 %	✓	
			201-581-5	85-01-8									
17		anthracene				49	mg/kg		41.16	mg/kg	0.00412 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				330	mg/kg		277.2	mg/kg	0.0277 %	✓	
			205-912-4	206-44-0									
19		pyrene				290	mg/kg		243.6	mg/kg	0.0244 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				150	mg/kg		126	mg/kg	0.0126 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				160	mg/kg		134.4	mg/kg	0.0134 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				170	mg/kg		142.8	mg/kg	0.0143 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				77	mg/kg		64.68	mg/kg	0.00647 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				130	mg/kg		109.2	mg/kg	0.0109 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				78	mg/kg		65.52	mg/kg	0.00655 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				21	mg/kg		17.64	mg/kg	0.00176 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				88	mg/kg		73.92	mg/kg	0.00739 %	✓	
			205-883-8	191-24-2									
										Total:	0.276 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP129

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

Sample details

Sample name:
TP129
Sample Depth:
0.00-0.10 m
Moisture content:
12%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.2 pH		6.2 pH	6.2 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		74 mg/kg	1.32	85.98 mg/kg	0.0086 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		**<LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		**<LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		33 mg/kg	1.462	42.444 mg/kg	0.00424 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		270 mg/kg	1.126	267.511 mg/kg	0.0268 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	590 mg/kg		519.2 mg/kg	0.0519 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1 mg/kg	1.353	1.191 mg/kg	0.000119 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		42 mg/kg	1.579	58.378 mg/kg	0.00584 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		**<LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		460 mg/kg	1.245	503.86 mg/kg	0.0504 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		3.1 mg/kg		2.728 mg/kg	0.000273 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.75 mg/kg		0.66 mg/kg	0.000066 %	✓	
14	acenaphthene		201-469-6	83-32-9		17 mg/kg		14.96 mg/kg	0.0015 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				9.9	mg/kg		8.712	mg/kg	0.000871 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				110	mg/kg		96.8	mg/kg	0.00968 %	✓	
			201-581-5	85-01-8									
17		anthracene				26	mg/kg		22.88	mg/kg	0.00229 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				130	mg/kg		114.4	mg/kg	0.0114 %	✓	
			205-912-4	206-44-0									
19		pyrene				120	mg/kg		105.6	mg/kg	0.0106 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				55	mg/kg		48.4	mg/kg	0.00484 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				55	mg/kg		48.4	mg/kg	0.00484 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				58	mg/kg		51.04	mg/kg	0.0051 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				24	mg/kg		21.12	mg/kg	0.00211 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				46	mg/kg		40.48	mg/kg	0.00405 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				25	mg/kg		22	mg/kg	0.0022 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				7.7	mg/kg		6.776	mg/kg	0.000678 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				30	mg/kg		26.4	mg/kg	0.00264 %	✓	
			205-883-8	191-24-2									
										Total:	0.211 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP130

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

Sample details

Sample name:
TP130
Sample Depth:
0.00-0.10 m
Moisture content:
17%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.4	pH		6.4	pH	6.4 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		44	mg/kg	1.32	48.218	mg/kg	0.00482 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2	mg/kg	1.285	2.134	mg/kg	0.000166 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23	mg/kg	1.462	27.901	mg/kg	0.00279 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		160	mg/kg	1.126	149.518	mg/kg	0.015 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	590	mg/kg		489.7	mg/kg	0.049 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1	mg/kg	1.353	1.123	mg/kg	0.000112 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		28	mg/kg	1.579	36.708	mg/kg	0.00367 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		390	mg/kg	1.245	402.914	mg/kg	0.0403 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		0.53	mg/kg		0.44	mg/kg	0.000044 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.85	mg/kg		0.706	mg/kg	0.0000706 %	✓	
14	acenaphthene		201-469-6	83-32-9		9.1	mg/kg		7.553	mg/kg	0.000755 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				4.8	mg/kg		3.984	mg/kg	0.000398 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				71	mg/kg		58.93	mg/kg	0.00589 %	✓	
			201-581-5	85-01-8									
17		anthracene				17	mg/kg		14.11	mg/kg	0.00141 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				130	mg/kg		107.9	mg/kg	0.0108 %	✓	
			205-912-4	206-44-0									
19		pyrene				110	mg/kg		91.3	mg/kg	0.00913 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				55	mg/kg		45.65	mg/kg	0.00456 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				53	mg/kg		43.99	mg/kg	0.0044 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				70	mg/kg		58.1	mg/kg	0.00581 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				18	mg/kg		14.94	mg/kg	0.00149 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				48	mg/kg		39.84	mg/kg	0.00398 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				24	mg/kg		19.92	mg/kg	0.00199 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				6	mg/kg		4.98	mg/kg	0.000498 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				28	mg/kg		23.24	mg/kg	0.00232 %	✓	
			205-883-8	191-24-2									
										Total:	0.17 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP131

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

Sample details

Sample name:
TP131
Sample Depth:
0.00-0.10 m
Moisture content:
21%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 21% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.6	pH		6.6	pH	6.6 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		55	mg/kg	1.32	57.368	mg/kg	0.00574 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		28	mg/kg	1.462	32.33	mg/kg	0.00323 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		210	mg/kg	1.126	186.785	mg/kg	0.0187 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	560	mg/kg		442.4	mg/kg	0.0442 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1	mg/kg	1.353	1.069	mg/kg	0.000107 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		32	mg/kg	1.579	39.93	mg/kg	0.00399 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		440	mg/kg	1.245	432.663	mg/kg	0.0433 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		1.2	mg/kg		0.948	mg/kg	0.0000948 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1	mg/kg		0.79	mg/kg	0.000079 %	✓	
14	acenaphthene		201-469-6	83-32-9		10	mg/kg		7.9	mg/kg	0.00079 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				5.3	mg/kg		4.187	mg/kg	0.000419 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				61	mg/kg		48.19	mg/kg	0.00482 %	✓	
			201-581-5	85-01-8									
17		anthracene				17	mg/kg		13.43	mg/kg	0.00134 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				130	mg/kg		102.7	mg/kg	0.0103 %	✓	
			205-912-4	206-44-0									
19		pyrene				110	mg/kg		86.9	mg/kg	0.00869 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				59	mg/kg		46.61	mg/kg	0.00466 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				53	mg/kg		41.87	mg/kg	0.00419 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				65	mg/kg		51.35	mg/kg	0.00514 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				29	mg/kg		22.91	mg/kg	0.00229 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				50	mg/kg		39.5	mg/kg	0.00395 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				30	mg/kg		23.7	mg/kg	0.00237 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				8.3	mg/kg		6.557	mg/kg	0.000656 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				36	mg/kg		28.44	mg/kg	0.00284 %	✓	
			205-883-8	191-24-2									
										Total:	0.172 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP132

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

Sample details

Sample name:
TP132
Sample Depth:
0.00-0.10 m
Moisture content:
12%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.5 pH		6.5 pH	6.5 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		70 mg/kg	1.32	81.332 mg/kg	0.00813 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	33.44 mg/kg	0.00334 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		290 mg/kg	1.126	287.327 mg/kg	0.0287 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	650 mg/kg		572 mg/kg	0.0572 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1 mg/kg	1.353	1.191 mg/kg	0.000119 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		39 mg/kg	1.579	54.208 mg/kg	0.00542 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		470 mg/kg	1.245	514.814 mg/kg	0.0515 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
13	acenaphthylene		205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
14	acenaphthene		201-469-6	83-32-9		13 mg/kg		11.44 mg/kg	0.00114 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				7.1	mg/kg		6.248	mg/kg	0.000625 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				110	mg/kg		96.8	mg/kg	0.00968 %	✓	
			201-581-5	85-01-8									
17		anthracene				26	mg/kg		22.88	mg/kg	0.00229 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				160	mg/kg		140.8	mg/kg	0.0141 %	✓	
			205-912-4	206-44-0									
19		pyrene				140	mg/kg		123.2	mg/kg	0.0123 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				65	mg/kg		57.2	mg/kg	0.00572 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				64	mg/kg		56.32	mg/kg	0.00563 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				74	mg/kg		65.12	mg/kg	0.00651 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				30	mg/kg		26.4	mg/kg	0.00264 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				56	mg/kg		49.28	mg/kg	0.00493 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				35	mg/kg		30.8	mg/kg	0.00308 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				9.1	mg/kg		8.008	mg/kg	0.000801 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				37	mg/kg		32.56	mg/kg	0.00326 %	✓	
			205-883-8	191-24-2									
										Total:	0.228 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP133

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

Sample details

Sample name:
TP133
Sample Depth:
0.00-0.10 m
Moisture content:
11%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.5 pH		6.5 pH	6.5 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		55 mg/kg	1.32	64.63 mg/kg	0.00646 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.4 mg/kg	1.285	2.745 mg/kg	0.000214 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		33 mg/kg	1.462	42.926 mg/kg	0.00429 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		250 mg/kg	1.126	250.51 mg/kg	0.0251 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	960 mg/kg		854.4 mg/kg	0.0854 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.7 mg/kg	1.353	2.048 mg/kg	0.000205 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		55 mg/kg	1.579	77.317 mg/kg	0.00773 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		560 mg/kg	1.245	620.365 mg/kg	0.062 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
13	acenaphthylene		205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
14	acenaphthene		201-469-6	83-32-9		23 mg/kg		20.47 mg/kg	0.00205 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				11	mg/kg		9.79	mg/kg	0.000979 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				140	mg/kg		124.6	mg/kg	0.0125 %	✓	
			201-581-5	85-01-8									
17		anthracene				34	mg/kg		30.26	mg/kg	0.00303 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				230	mg/kg		204.7	mg/kg	0.0205 %	✓	
			205-912-4	206-44-0									
19		pyrene				200	mg/kg		178	mg/kg	0.0178 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				82	mg/kg		72.98	mg/kg	0.0073 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				81	mg/kg		72.09	mg/kg	0.00721 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				93	mg/kg		82.77	mg/kg	0.00828 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				40	mg/kg		35.6	mg/kg	0.00356 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				71	mg/kg		63.19	mg/kg	0.00632 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				43	mg/kg		38.27	mg/kg	0.00383 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				10	mg/kg		8.9	mg/kg	0.00089 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				49	mg/kg		43.61	mg/kg	0.00436 %	✓	
			205-883-8	191-24-2									
										Total:	0.29 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP134

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

Sample details

Sample name:
TP134
Sample Depth:
0.00-0.10 m
Moisture content:
11%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.6	pH		6.6	pH	6.6 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		91	mg/kg	1.32	106.933	mg/kg	0.0107 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		27	mg/kg	1.462	35.121	mg/kg	0.00351 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		290	mg/kg	1.126	290.592	mg/kg	0.0291 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	570	mg/kg		507.3	mg/kg	0.0507 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.3	mg/kg	1.353	1.566	mg/kg	0.000157 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		53	mg/kg	1.579	74.505	mg/kg	0.00745 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		330	mg/kg	1.245	365.572	mg/kg	0.0366 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		4	mg/kg		3.56	mg/kg	0.000356 %	✓	
13	acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
14	acenaphthene		201-469-6	83-32-9		70	mg/kg		62.3	mg/kg	0.00623 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				44	mg/kg		39.16	mg/kg	0.00392 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				550	mg/kg		489.5	mg/kg	0.049 %	✓	
			201-581-5	85-01-8									
17		anthracene				150	mg/kg		133.5	mg/kg	0.0134 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				740	mg/kg		658.6	mg/kg	0.0659 %	✓	
			205-912-4	206-44-0									
19		pyrene				650	mg/kg		578.5	mg/kg	0.0578 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				320	mg/kg		284.8	mg/kg	0.0285 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				290	mg/kg		258.1	mg/kg	0.0258 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				310	mg/kg		275.9	mg/kg	0.0276 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				140	mg/kg		124.6	mg/kg	0.0125 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				270	mg/kg		240.3	mg/kg	0.024 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				130	mg/kg		115.7	mg/kg	0.0116 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				36	mg/kg		32.04	mg/kg	0.0032 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				160	mg/kg		142.4	mg/kg	0.0142 %	✓	
			205-883-8	191-24-2									
										Total:	0.482 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP135

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

Sample details

Sample name:
TP135
Sample Depth:
0.00-0.10 m
Moisture content:
15%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 15% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		5.9 pH		5.9 pH	5.9 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		62 mg/kg	1.32	69.581 mg/kg	0.00696 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.7 mg/kg	1.285	2.95 mg/kg	0.00023 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	24.846 mg/kg	0.00248 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		180 mg/kg	1.126	172.261 mg/kg	0.0172 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	410 mg/kg		348.5 mg/kg	0.0349 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.8 mg/kg	1.353	0.92 mg/kg	0.000092 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		29 mg/kg	1.579	38.935 mg/kg	0.00389 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		320 mg/kg	1.245	338.562 mg/kg	0.0339 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
13	acenaphthylene		205-917-1	208-96-8		1.4 mg/kg		1.19 mg/kg	0.000119 %	✓	
14	acenaphthene		201-469-6	83-32-9		10 mg/kg		8.5 mg/kg	0.00085 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				6.5	mg/kg		5.525	mg/kg	0.000553 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				90	mg/kg		76.5	mg/kg	0.00765 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				23	mg/kg		19.55	mg/kg	0.00196 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				160	mg/kg		136	mg/kg	0.0136 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				160	mg/kg		136	mg/kg	0.0136 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				62	mg/kg		52.7	mg/kg	0.00527 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				68	mg/kg		57.8	mg/kg	0.00578 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				77	mg/kg		65.45	mg/kg	0.00655 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				28	mg/kg		23.8	mg/kg	0.00238 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				59	mg/kg		50.15	mg/kg	0.00501 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				35	mg/kg		29.75	mg/kg	0.00298 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				9.5	mg/kg		8.075	mg/kg	0.000807 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				43	mg/kg		36.55	mg/kg	0.00366 %	✓	
			205-883-8	191-24-2									
										Total:	0.171 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP136

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

Sample details

Sample name:
TP136
Sample Depth:
0.00-0.10 m
Moisture content:
20%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 20% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		5.8 pH		5.8 pH	5.8 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		47 mg/kg	1.32	49.644 mg/kg	0.00496 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		29 mg/kg	1.462	33.908 mg/kg	0.00339 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		130 mg/kg	1.126	117.092 mg/kg	0.0117 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	280 mg/kg		224 mg/kg	0.0224 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.7 mg/kg	1.353	0.758 mg/kg	0.0000758 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		24 mg/kg	1.579	30.326 mg/kg	0.00303 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		200 mg/kg	1.245	199.154 mg/kg	0.0199 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		4.8 mg/kg		3.84 mg/kg	0.000384 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1.6 mg/kg		1.28 mg/kg	0.000128 %	✓	
14	acenaphthene		201-469-6	83-32-9		36 mg/kg		28.8 mg/kg	0.00288 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				21	mg/kg		16.8	mg/kg	0.00168 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				260	mg/kg		208	mg/kg	0.0208 %	✓	
			201-581-5	85-01-8									
17		anthracene				62	mg/kg		49.6	mg/kg	0.00496 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				450	mg/kg		360	mg/kg	0.036 %	✓	
			205-912-4	206-44-0									
19		pyrene				420	mg/kg		336	mg/kg	0.0336 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				180	mg/kg		144	mg/kg	0.0144 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				190	mg/kg		152	mg/kg	0.0152 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				220	mg/kg		176	mg/kg	0.0176 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				86	mg/kg		68.8	mg/kg	0.00688 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				180	mg/kg		144	mg/kg	0.0144 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				94	mg/kg		75.2	mg/kg	0.00752 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				27	mg/kg		21.6	mg/kg	0.00216 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				120	mg/kg		96	mg/kg	0.0096 %	✓	
			205-883-8	191-24-2									
										Total:	0.254 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP137

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

Sample details

Sample name:
TP137
Sample Depth:
0.00-0.10 m
Moisture content:
12%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.4 pH		6.4 pH	6.4 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		53 mg/kg	1.32	61.58 mg/kg	0.00616 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.5 mg/kg	1.285	2.828 mg/kg	0.00022 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		30 mg/kg	1.462	38.585 mg/kg	0.00386 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		240 mg/kg	1.126	237.788 mg/kg	0.0238 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	640 mg/kg		563.2 mg/kg	0.0563 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		2.5 mg/kg	1.353	2.978 mg/kg	0.000298 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		34 mg/kg	1.579	47.259 mg/kg	0.00473 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		350 mg/kg	1.245	383.372 mg/kg	0.0383 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		14 mg/kg		12.32 mg/kg	0.00123 %	✓	
13	acenaphthylene		205-917-1	208-96-8		2.4 mg/kg		2.112 mg/kg	0.000211 %	✓	
14	acenaphthene		201-469-6	83-32-9		73 mg/kg		64.24 mg/kg	0.00642 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	•	fluorene				46	mg/kg		40.48	mg/kg	0.00405 %	✓	
			201-695-5	86-73-7									
16	•	phenanthrene				510	mg/kg		448.8	mg/kg	0.0449 %	✓	
			201-581-5	85-01-8									
17	•	anthracene				140	mg/kg		123.2	mg/kg	0.0123 %	✓	
			204-371-1	120-12-7									
18	•	fluoranthene				640	mg/kg		563.2	mg/kg	0.0563 %	✓	
			205-912-4	206-44-0									
19	•	pyrene				570	mg/kg		501.6	mg/kg	0.0502 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				250	mg/kg		220	mg/kg	0.022 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				240	mg/kg		211.2	mg/kg	0.0211 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				280	mg/kg		246.4	mg/kg	0.0246 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				110	mg/kg		96.8	mg/kg	0.00968 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				230	mg/kg		202.4	mg/kg	0.0202 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	•	indeno[123-cd]pyrene				120	mg/kg		105.6	mg/kg	0.0106 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				32	mg/kg		28.16	mg/kg	0.00282 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	•	benzo[ghi]perylene				150	mg/kg		132	mg/kg	0.0132 %	✓	
			205-883-8	191-24-2									
										Total:	0.434 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP138

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

Sample details

Sample name:
TP138
Sample Depth:
0.00-0.10 m
Moisture content:
15%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 15% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.1 pH		6.1 pH	6.1 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		56 mg/kg	1.32	62.847 mg/kg	0.00628 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	3.5 mg/kg	1.285	3.824 mg/kg	0.000298 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		42 mg/kg	1.462	52.178 mg/kg	0.00522 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		220 mg/kg	1.126	210.541 mg/kg	0.0211 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	500 mg/kg		425 mg/kg	0.0425 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		3 mg/kg	1.353	3.451 mg/kg	0.000345 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		36 mg/kg	1.579	48.333 mg/kg	0.00483 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		450 mg/kg	1.245	476.103 mg/kg	0.0476 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		11 mg/kg		9.35 mg/kg	0.000935 %	✓	
13	acenaphthylene		205-917-1	208-96-8		4.7 mg/kg		3.995 mg/kg	0.0004 %	✓	
14	acenaphthene		201-469-6	83-32-9		66 mg/kg		56.1 mg/kg	0.00561 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				45	mg/kg		38.25	mg/kg	0.00382 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				500	mg/kg		425	mg/kg	0.0425 %	✓	
			201-581-5	85-01-8									
17		anthracene				120	mg/kg		102	mg/kg	0.0102 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				630	mg/kg		535.5	mg/kg	0.0536 %	✓	
			205-912-4	206-44-0									
19		pyrene				570	mg/kg		484.5	mg/kg	0.0485 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				260	mg/kg		221	mg/kg	0.0221 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				240	mg/kg		204	mg/kg	0.0204 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				280	mg/kg		238	mg/kg	0.0238 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				92	mg/kg		78.2	mg/kg	0.00782 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				220	mg/kg		187	mg/kg	0.0187 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				120	mg/kg		102	mg/kg	0.0102 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				28	mg/kg		23.8	mg/kg	0.00238 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				140	mg/kg		119	mg/kg	0.0119 %	✓	
			205-883-8	191-24-2									
										Total:	0.411 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP139

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

Sample details

Sample name:
TP139
Sample Depth:
0.00-0.10 m
Moisture content:
20%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 20% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.4 pH		6.4 pH	6.4 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		63 mg/kg	1.32	66.544 mg/kg	0.00665 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	22.216 mg/kg	0.00222 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		190 mg/kg	1.126	171.135 mg/kg	0.0171 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	410 mg/kg		328 mg/kg	0.0328 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.8 mg/kg	1.353	0.866 mg/kg	0.0000866 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		32 mg/kg	1.579	40.435 mg/kg	0.00404 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		260 mg/kg	1.245	258.901 mg/kg	0.0259 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		7 mg/kg		5.6 mg/kg	0.00056 %	✓	
13	acenaphthylene		205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
14	acenaphthene		201-469-6	83-32-9		26 mg/kg		20.8 mg/kg	0.00208 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				18	mg/kg		14.4	mg/kg	0.00144 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				190	mg/kg		152	mg/kg	0.0152 %	✓	
			201-581-5	85-01-8									
17		anthracene				52	mg/kg		41.6	mg/kg	0.00416 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				230	mg/kg		184	mg/kg	0.0184 %	✓	
			205-912-4	206-44-0									
19		pyrene				210	mg/kg		168	mg/kg	0.0168 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				84	mg/kg		67.2	mg/kg	0.00672 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				90	mg/kg		72	mg/kg	0.0072 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				92	mg/kg		73.6	mg/kg	0.00736 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				36	mg/kg		28.8	mg/kg	0.00288 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				73	mg/kg		58.4	mg/kg	0.00584 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				41	mg/kg		32.8	mg/kg	0.00328 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				9.9	mg/kg		7.92	mg/kg	0.000792 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				49	mg/kg		39.2	mg/kg	0.00392 %	✓	
			205-883-8	191-24-2									
										Total:	0.186 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP140

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

Sample details

Sample name:
TP140
Sample Depth:
0.00-0.10 m
Moisture content:
15%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 15% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6	pH		6	pH	6pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		62	mg/kg	1.32	69.581	mg/kg	0.00696 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26	mg/kg	1.462	32.3	mg/kg	0.00323 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		180	mg/kg	1.126	172.261	mg/kg	0.0172 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	440	mg/kg		374	mg/kg	0.0374 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.8	mg/kg	1.353	0.92	mg/kg	0.000092 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		38	mg/kg	1.579	51.018	mg/kg	0.0051 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		260	mg/kg	1.245	275.082	mg/kg	0.0275 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		8	mg/kg		6.8	mg/kg	0.00068 %	✓	
13	acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
14	acenaphthene		201-469-6	83-32-9		36	mg/kg		30.6	mg/kg	0.00306 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				22	mg/kg		18.7	mg/kg	0.00187 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				260	mg/kg		221	mg/kg	0.0221 %	✓	
			201-581-5	85-01-8									
17		anthracene				61	mg/kg		51.85	mg/kg	0.00519 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				350	mg/kg		297.5	mg/kg	0.0298 %	✓	
			205-912-4	206-44-0									
19		pyrene				320	mg/kg		272	mg/kg	0.0272 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				150	mg/kg		127.5	mg/kg	0.0127 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				150	mg/kg		127.5	mg/kg	0.0127 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				160	mg/kg		136	mg/kg	0.0136 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				71	mg/kg		60.35	mg/kg	0.00604 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				140	mg/kg		119	mg/kg	0.0119 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				76	mg/kg		64.6	mg/kg	0.00646 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				22	mg/kg		18.7	mg/kg	0.00187 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				89	mg/kg		75.65	mg/kg	0.00757 %	✓	
			205-883-8	191-24-2									
										Total:	0.261 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP141

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

Sample details

Sample name:
TP141
Sample Depth:
0.00-0.10 m
Moisture content:
12%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.1 pH		6.1 pH	6.1 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		88 mg/kg	1.32	102.246 mg/kg	0.0102 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		37 mg/kg	1.462	47.588 mg/kg	0.00476 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		360 mg/kg	1.126	356.681 mg/kg	0.0357 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	550 mg/kg		484 mg/kg	0.0484 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.9 mg/kg	1.353	1.072 mg/kg	0.000107 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		44 mg/kg	1.579	61.158 mg/kg	0.00612 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		240 mg/kg	1.245	262.884 mg/kg	0.0263 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		5.9 mg/kg		5.192 mg/kg	0.000519 %	✓	
13	acenaphthylene		205-917-1	208-96-8		2 mg/kg		1.76 mg/kg	0.000176 %	✓	
14	acenaphthene		201-469-6	83-32-9		65 mg/kg		57.2 mg/kg	0.00572 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				36	mg/kg		31.68	mg/kg	0.00317 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				390	mg/kg		343.2	mg/kg	0.0343 %	✓	
			201-581-5	85-01-8									
17		anthracene				82	mg/kg		72.16	mg/kg	0.00722 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				540	mg/kg		475.2	mg/kg	0.0475 %	✓	
			205-912-4	206-44-0									
19		pyrene				490	mg/kg		431.2	mg/kg	0.0431 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				230	mg/kg		202.4	mg/kg	0.0202 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				230	mg/kg		202.4	mg/kg	0.0202 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				250	mg/kg		220	mg/kg	0.022 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				66	mg/kg		58.08	mg/kg	0.00581 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				180	mg/kg		158.4	mg/kg	0.0158 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				85	mg/kg		74.8	mg/kg	0.00748 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				21	mg/kg		18.48	mg/kg	0.00185 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				97	mg/kg		85.36	mg/kg	0.00854 %	✓	
			205-883-8	191-24-2									
28		TPH (C6 to C40) petroleum group				851.6	mg/kg		749.408	mg/kg	0.0749 %	✓	
				TPH									
29		benzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
30		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
31		ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
32		xylene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
										Total:	0.451 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The absence of a free draining liquid and the relatively low concentrations of short-chain hydrocarbons reported indicates that this hazard property is not applicable to this waste.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0749%)

Classification of sample: TP142

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

Sample details

Sample name:
TP142
Sample Depth:
0.00-0.10 m
Moisture content:
22%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 22% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.8	pH		6.8	pH	6.8 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		42	mg/kg	1.32	43.254	mg/kg	0.00433 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.3	mg/kg	1.285	2.306	mg/kg	0.000179 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19	mg/kg	1.462	21.66	mg/kg	0.00217 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		170	mg/kg	1.126	149.293	mg/kg	0.0149 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	420	mg/kg		327.6	mg/kg	0.0328 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.4	mg/kg	1.353	1.478	mg/kg	0.000148 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		22	mg/kg	1.579	27.104	mg/kg	0.00271 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		360	mg/kg	1.245	349.516	mg/kg	0.035 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		7.6	mg/kg		5.928	mg/kg	0.000593 %	✓	
13	acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
14	acenaphthene		201-469-6	83-32-9		85	mg/kg		66.3	mg/kg	0.00663 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				50	mg/kg		39	mg/kg	0.0039 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				620	mg/kg		483.6	mg/kg	0.0484 %	✓	
			201-581-5	85-01-8									
17		anthracene				150	mg/kg		117	mg/kg	0.0117 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				900	mg/kg		702	mg/kg	0.0702 %	✓	
			205-912-4	206-44-0									
19		pyrene				810	mg/kg		631.8	mg/kg	0.0632 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				400	mg/kg		312	mg/kg	0.0312 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				390	mg/kg		304.2	mg/kg	0.0304 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				430	mg/kg		335.4	mg/kg	0.0335 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				150	mg/kg		117	mg/kg	0.0117 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				330	mg/kg		257.4	mg/kg	0.0257 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				150	mg/kg		117	mg/kg	0.0117 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				43	mg/kg		33.54	mg/kg	0.00335 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				190	mg/kg		148.2	mg/kg	0.0148 %	✓	
			205-883-8	191-24-2									
										Total:	0.46 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP143

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

Sample details

Sample name:
TP143
Sample Depth:
0.00-0.10 m
Moisture content:
13%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.3 pH		6.3 pH	6.3 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		53 mg/kg	1.32	60.88 mg/kg	0.00609 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.3 mg/kg	1.285	2.572 mg/kg	0.0002 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		28 mg/kg	1.462	35.603 mg/kg	0.00356 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		200 mg/kg	1.126	195.905 mg/kg	0.0196 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	400 mg/kg		348 mg/kg	0.0348 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1 mg/kg	1.353	1.178 mg/kg	0.000118 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		31 mg/kg	1.579	42.599 mg/kg	0.00426 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		370 mg/kg	1.245	400.673 mg/kg	0.0401 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		3.2 mg/kg		2.784 mg/kg	0.000278 %	✓	
13	acenaphthylene		205-917-1	208-96-8		2.3 mg/kg		2.001 mg/kg	0.0002 %	✓	
14	acenaphthene		201-469-6	83-32-9		22 mg/kg		19.14 mg/kg	0.00191 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				13	mg/kg		11.31	mg/kg	0.00113 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				210	mg/kg		182.7	mg/kg	0.0183 %	✓	
			201-581-5	85-01-8									
17		anthracene				55	mg/kg		47.85	mg/kg	0.00479 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				560	mg/kg		487.2	mg/kg	0.0487 %	✓	
			205-912-4	206-44-0									
19		pyrene				500	mg/kg		435	mg/kg	0.0435 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				270	mg/kg		234.9	mg/kg	0.0235 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				240	mg/kg		208.8	mg/kg	0.0209 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				330	mg/kg		287.1	mg/kg	0.0287 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				85	mg/kg		73.95	mg/kg	0.0074 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				240	mg/kg		208.8	mg/kg	0.0209 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				120	mg/kg		104.4	mg/kg	0.0104 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				29	mg/kg		25.23	mg/kg	0.00252 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				140	mg/kg		121.8	mg/kg	0.0122 %	✓	
			205-883-8	191-24-2									
										Total:	0.354 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP144

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

Sample details

Sample name:
TP144
Sample Depth:
0.00-0.10 m
Moisture content:
11%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.5	pH		6.5	pH	6.5 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		30	mg/kg	1.32	35.253	mg/kg	0.00353 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	1.3	mg/kg	1.285	1.487	mg/kg	0.000116 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17	mg/kg	1.462	22.113	mg/kg	0.00221 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		110	mg/kg	1.126	110.224	mg/kg	0.011 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	350	mg/kg		311.5	mg/kg	0.0312 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.4	mg/kg	1.353	0.482	mg/kg	0.0000482 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		19	mg/kg	1.579	26.709	mg/kg	0.00267 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		270	mg/kg	1.245	299.105	mg/kg	0.0299 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		0.85	mg/kg		0.757	mg/kg	0.0000757 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.39	mg/kg		0.347	mg/kg	0.0000347 %	✓	
14	acenaphthene		201-469-6	83-32-9		3.8	mg/kg		3.382	mg/kg	0.000338 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				2.3	mg/kg		2.047	mg/kg	0.000205 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				33	mg/kg		29.37	mg/kg	0.00294 %	✓	
			201-581-5	85-01-8									
17		anthracene				7.9	mg/kg		7.031	mg/kg	0.000703 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				61	mg/kg		54.29	mg/kg	0.00543 %	✓	
			205-912-4	206-44-0									
19		pyrene				55	mg/kg		48.95	mg/kg	0.0049 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				27	mg/kg		24.03	mg/kg	0.0024 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				29	mg/kg		25.81	mg/kg	0.00258 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				31	mg/kg		27.59	mg/kg	0.00276 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				14	mg/kg		12.46	mg/kg	0.00125 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				25	mg/kg		22.25	mg/kg	0.00223 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				16	mg/kg		14.24	mg/kg	0.00142 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				4.2	mg/kg		3.738	mg/kg	0.000374 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				19	mg/kg		16.91	mg/kg	0.00169 %	✓	
			205-883-8	191-24-2									
										Total:	0.11 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP145

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

Sample details

Sample name:
TP145
Sample Depth:
0.00-0.10 m
Moisture content:
10%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 10% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.9 pH		7.9 pH	7.9 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		45 mg/kg	1.32	53.473 mg/kg	0.00535 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.1 mg/kg	1.285	2.429 mg/kg	0.000189 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		54 mg/kg	1.462	71.032 mg/kg	0.0071 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		180 mg/kg	1.126	182.394 mg/kg	0.0182 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	460 mg/kg		414 mg/kg	0.0414 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.8 mg/kg	1.353	0.975 mg/kg	0.0000975 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		26 mg/kg	1.579	36.96 mg/kg	0.0037 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		340 mg/kg	1.245	380.882 mg/kg	0.0381 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		1.8 mg/kg		1.62 mg/kg	0.000162 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1.1 mg/kg		0.99 mg/kg	0.000099 %	✓	
14	acenaphthene		201-469-6	83-32-9		10 mg/kg		9 mg/kg	0.0009 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				6	mg/kg		5.4	mg/kg	0.00054 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				52	mg/kg		46.8	mg/kg	0.00468 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				16	mg/kg		14.4	mg/kg	0.00144 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				76	mg/kg		68.4	mg/kg	0.00684 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				65	mg/kg		58.5	mg/kg	0.00585 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				31	mg/kg		27.9	mg/kg	0.00279 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				33	mg/kg		29.7	mg/kg	0.00297 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				36	mg/kg		32.4	mg/kg	0.00324 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				16	mg/kg		14.4	mg/kg	0.00144 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				28	mg/kg		25.2	mg/kg	0.00252 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				17	mg/kg		15.3	mg/kg	0.00153 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				5	mg/kg		4.5	mg/kg	0.00045 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				21	mg/kg		18.9	mg/kg	0.00189 %	✓	
			205-883-8	191-24-2									
										Total:	0.152 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP146

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

Sample details

Sample name:
TP146
Sample Depth:
0.00-0.10 m
Moisture content:
15%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 15% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.2 pH		6.2 pH	6.2 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		76 mg/kg	1.32	85.293 mg/kg	0.00853 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25 mg/kg	1.462	31.058 mg/kg	0.00311 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		800 mg/kg	1.126	765.604 mg/kg	0.0766 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1500 mg/kg		1275 mg/kg	0.128 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1 mg/kg	1.353	1.15 mg/kg	0.000115 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		52 mg/kg	1.579	69.814 mg/kg	0.00698 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		650 mg/kg	1.245	687.704 mg/kg	0.0688 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		0.79 mg/kg		0.672 mg/kg	0.0000672 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.83 mg/kg		0.706 mg/kg	0.0000706 %	✓	
14	acenaphthene		201-469-6	83-32-9		6.2 mg/kg		5.27 mg/kg	0.000527 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				3.6	mg/kg		3.06	mg/kg	0.000306 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				48	mg/kg		40.8	mg/kg	0.00408 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				12	mg/kg		10.2	mg/kg	0.00102 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				91	mg/kg		77.35	mg/kg	0.00774 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				79	mg/kg		67.15	mg/kg	0.00672 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				41	mg/kg		34.85	mg/kg	0.00349 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				43	mg/kg		36.55	mg/kg	0.00366 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				51	mg/kg		43.35	mg/kg	0.00434 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				19	mg/kg		16.15	mg/kg	0.00161 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				39	mg/kg		33.15	mg/kg	0.00331 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				24	mg/kg		20.4	mg/kg	0.00204 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				6.6	mg/kg		5.61	mg/kg	0.000561 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				27	mg/kg		22.95	mg/kg	0.00229 %	✓	
			205-883-8	191-24-2									
										Total:	0.334 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP147

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

Sample details

Sample name:
TP147
Sample Depth:
0.00-0.10 m
Moisture content:
18%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 18% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.6	pH		6.6	pH	6.6 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		57	mg/kg	1.32	61.712	mg/kg	0.00617 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		28	mg/kg	1.462	33.557	mg/kg	0.00336 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		260	mg/kg	1.126	240.039	mg/kg	0.024 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	630	mg/kg		516.6	mg/kg	0.0517 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.4	mg/kg	1.353	1.554	mg/kg	0.000155 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		42	mg/kg	1.579	54.398	mg/kg	0.00544 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		420	mg/kg	1.245	428.679	mg/kg	0.0429 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		2.2	mg/kg		1.804	mg/kg	0.00018 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1.1	mg/kg		0.902	mg/kg	0.0000902 %	✓	
14	acenaphthene		201-469-6	83-32-9		13	mg/kg		10.66	mg/kg	0.00107 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				7.5	mg/kg		6.15	mg/kg	0.000615 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				85	mg/kg		69.7	mg/kg	0.00697 %	✓	
			201-581-5	85-01-8									
17		anthracene				21	mg/kg		17.22	mg/kg	0.00172 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				140	mg/kg		114.8	mg/kg	0.0115 %	✓	
			205-912-4	206-44-0									
19		pyrene				120	mg/kg		98.4	mg/kg	0.00984 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				58	mg/kg		47.56	mg/kg	0.00476 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				60	mg/kg		49.2	mg/kg	0.00492 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				71	mg/kg		58.22	mg/kg	0.00582 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				22	mg/kg		18.04	mg/kg	0.0018 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				52	mg/kg		42.64	mg/kg	0.00426 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				33	mg/kg		27.06	mg/kg	0.00271 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				9.4	mg/kg		7.708	mg/kg	0.000771 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				36	mg/kg		29.52	mg/kg	0.00295 %	✓	
			205-883-8	191-24-2									
										Total:	0.194 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP148

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

Sample details

Sample name:
TP148
Sample Depth:
0.00-0.10 m
Moisture content:
10%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 10% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.3 pH		6.3 pH	6.3 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		57 mg/kg	1.32	67.733 mg/kg	0.00677 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		27 mg/kg	1.462	35.516 mg/kg	0.00355 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		250 mg/kg	1.126	253.325 mg/kg	0.0253 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	630 mg/kg		567 mg/kg	0.0567 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.4 mg/kg	1.353	1.705 mg/kg	0.000171 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		41 mg/kg	1.579	58.284 mg/kg	0.00583 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		420 mg/kg	1.245	470.502 mg/kg	0.0471 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		11 mg/kg		9.9 mg/kg	0.00099 %	✓	
13	acenaphthylene		205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
14	acenaphthene		201-469-6	83-32-9		56 mg/kg		50.4 mg/kg	0.00504 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				31	mg/kg		27.9	mg/kg	0.00279 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				330	mg/kg		297	mg/kg	0.0297 %	✓	
			201-581-5	85-01-8									
17		anthracene				85	mg/kg		76.5	mg/kg	0.00765 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				420	mg/kg		378	mg/kg	0.0378 %	✓	
			205-912-4	206-44-0									
19		pyrene				340	mg/kg		306	mg/kg	0.0306 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				180	mg/kg		162	mg/kg	0.0162 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				170	mg/kg		153	mg/kg	0.0153 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				200	mg/kg		180	mg/kg	0.018 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				57	mg/kg		51.3	mg/kg	0.00513 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				140	mg/kg		126	mg/kg	0.0126 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				82	mg/kg		73.8	mg/kg	0.00738 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				25	mg/kg		22.5	mg/kg	0.00225 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				92	mg/kg		82.8	mg/kg	0.00828 %	✓	
			205-883-8	191-24-2									
										Total:	0.346 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP149

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

Sample details

Sample name:
TP149
Sample Depth:
0.00-0.10 m
Moisture content:
14%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.4 pH		6.4 pH	6.4 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		58 mg/kg	1.32	65.858 mg/kg	0.00659 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.5 mg/kg	1.285	2.763 mg/kg	0.000215 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		76 mg/kg	1.462	95.527 mg/kg	0.00955 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		190 mg/kg	1.126	183.97 mg/kg	0.0184 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	500 mg/kg		430 mg/kg	0.043 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1 mg/kg	1.353	1.164 mg/kg	0.000116 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		31 mg/kg	1.579	42.109 mg/kg	0.00421 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		440 mg/kg	1.245	471 mg/kg	0.0471 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		0.51 mg/kg		0.439 mg/kg	0.0000439 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.52 mg/kg		0.447 mg/kg	0.0000447 %	✓	
14	acenaphthene		201-469-6	83-32-9		3.4 mg/kg		2.924 mg/kg	0.000292 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				1.8	mg/kg		1.548	mg/kg	0.000155 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				31	mg/kg		26.66	mg/kg	0.00267 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				7.8	mg/kg		6.708	mg/kg	0.000671 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				64	mg/kg		55.04	mg/kg	0.0055 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				56	mg/kg		48.16	mg/kg	0.00482 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				30	mg/kg		25.8	mg/kg	0.00258 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				28	mg/kg		24.08	mg/kg	0.00241 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				36	mg/kg		30.96	mg/kg	0.0031 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				10	mg/kg		8.6	mg/kg	0.00086 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				26	mg/kg		22.36	mg/kg	0.00224 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				16	mg/kg		13.76	mg/kg	0.00138 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				4.7	mg/kg		4.042	mg/kg	0.000404 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				19	mg/kg		16.34	mg/kg	0.00163 %	✓	
			205-883-8	191-24-2									
										Total:	0.158 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP150

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

Sample details

Sample name:
TP150
Sample Depth:
0.00-0.10 m
Moisture content:
12%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.4	pH		6.4	pH	6.4 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		33	mg/kg	1.32	38.342	mg/kg	0.00383 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	7	mg/kg	1.285	7.917	mg/kg	0.000616 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		83	mg/kg	1.462	106.752	mg/kg	0.0107 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		160	mg/kg	1.126	158.525	mg/kg	0.0159 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	460	mg/kg		404.8	mg/kg	0.0405 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1	mg/kg	1.353	1.191	mg/kg	0.000119 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		29	mg/kg	1.579	40.309	mg/kg	0.00403 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		670	mg/kg	1.245	733.883	mg/kg	0.0734 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		1.1	mg/kg		0.968	mg/kg	0.0000968 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1.2	mg/kg		1.056	mg/kg	0.000106 %	✓	
14	acenaphthene		201-469-6	83-32-9		3.5	mg/kg		3.08	mg/kg	0.000308 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				2.2	mg/kg		1.936	mg/kg	0.000194 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				30	mg/kg		26.4	mg/kg	0.00264 %	✓	
			201-581-5	85-01-8									
17		anthracene				7.9	mg/kg		6.952	mg/kg	0.000695 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				78	mg/kg		68.64	mg/kg	0.00686 %	✓	
			205-912-4	206-44-0									
19		pyrene				72	mg/kg		63.36	mg/kg	0.00634 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				39	mg/kg		34.32	mg/kg	0.00343 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				38	mg/kg		33.44	mg/kg	0.00334 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				53	mg/kg		46.64	mg/kg	0.00466 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				15	mg/kg		13.2	mg/kg	0.00132 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				36	mg/kg		31.68	mg/kg	0.00317 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				25	mg/kg		22	mg/kg	0.0022 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				7.1	mg/kg		6.248	mg/kg	0.000625 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				29	mg/kg		25.52	mg/kg	0.00255 %	✓	
			205-883-8	191-24-2									
										Total:	0.188 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP151

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

Sample details

Sample name:
TP151
Sample Depth:
0.00-0.10 m
Moisture content:
12%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.3 pH		6.3 pH	6.3 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		28 mg/kg	1.32	32.533 mg/kg	0.00325 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	4.4 mg/kg	1.285	4.976 mg/kg	0.000387 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		83 mg/kg	1.462	106.752 mg/kg	0.0107 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		120 mg/kg	1.126	118.894 mg/kg	0.0119 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	390 mg/kg		343.2 mg/kg	0.0343 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.7 mg/kg	1.353	0.834 mg/kg	0.0000834 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		21 mg/kg	1.579	29.189 mg/kg	0.00292 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		480 mg/kg	1.245	525.767 mg/kg	0.0526 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		0.97 mg/kg		0.854 mg/kg	0.0000854 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1 mg/kg		0.88 mg/kg	0.000088 %	✓	
14	acenaphthene		201-469-6	83-32-9		5.7 mg/kg		5.016 mg/kg	0.000502 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				2.9	mg/kg		2.552	mg/kg	0.000255 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				39	mg/kg		34.32	mg/kg	0.00343 %	✓	
			201-581-5	85-01-8									
17		anthracene				11	mg/kg		9.68	mg/kg	0.000968 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				93	mg/kg		81.84	mg/kg	0.00818 %	✓	
			205-912-4	206-44-0									
19		pyrene				83	mg/kg		73.04	mg/kg	0.0073 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				45	mg/kg		39.6	mg/kg	0.00396 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				46	mg/kg		40.48	mg/kg	0.00405 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				51	mg/kg		44.88	mg/kg	0.00449 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				21	mg/kg		18.48	mg/kg	0.00185 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				43	mg/kg		37.84	mg/kg	0.00378 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				28	mg/kg		24.64	mg/kg	0.00246 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				7.5	mg/kg		6.6	mg/kg	0.00066 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				33	mg/kg		29.04	mg/kg	0.0029 %	✓	
			205-883-8	191-24-2									
										Total:	0.161 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP152

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

Sample details

Sample name:
TP152
Sample Depth:
0.00-0.10 m
Moisture content:
18%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 18% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.6	pH		6.6	pH	6.6 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		36	mg/kg	1.32	38.976	mg/kg	0.0039 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	11	mg/kg	1.285	11.593	mg/kg	0.000902 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		100	mg/kg	1.462	119.848	mg/kg	0.012 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		160	mg/kg	1.126	147.717	mg/kg	0.0148 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	620	mg/kg		508.4	mg/kg	0.0508 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.7	mg/kg	1.353	1.887	mg/kg	0.000189 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		26	mg/kg	1.579	33.675	mg/kg	0.00337 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		1800	mg/kg	1.245	1837.198	mg/kg	0.184 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		3.1	mg/kg		2.542	mg/kg	0.000254 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1.4	mg/kg		1.148	mg/kg	0.000115 %	✓	
14	acenaphthene		201-469-6	83-32-9		22	mg/kg		18.04	mg/kg	0.0018 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	•	fluorene				11	mg/kg		9.02	mg/kg	0.000902 %	✓	
			201-695-5	86-73-7									
16	•	phenanthrene				130	mg/kg		106.6	mg/kg	0.0107 %	✓	
			201-581-5	85-01-8									
17	•	anthracene				33	mg/kg		27.06	mg/kg	0.00271 %	✓	
			204-371-1	120-12-7									
18	•	fluoranthene				230	mg/kg		188.6	mg/kg	0.0189 %	✓	
			205-912-4	206-44-0									
19	•	pyrene				190	mg/kg		155.8	mg/kg	0.0156 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				110	mg/kg		90.2	mg/kg	0.00902 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				97	mg/kg		79.54	mg/kg	0.00795 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				100	mg/kg		82	mg/kg	0.0082 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				47	mg/kg		38.54	mg/kg	0.00385 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				89	mg/kg		72.98	mg/kg	0.0073 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	•	indeno[123-cd]pyrene				50	mg/kg		41	mg/kg	0.0041 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				14	mg/kg		11.48	mg/kg	0.00115 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	•	benzo[ghi]perylene				60	mg/kg		49.2	mg/kg	0.00492 %	✓	
			205-883-8	191-24-2									
										Total:	0.367 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP153

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

Sample details

Sample name:
TP153
Sample Depth:
0.00-0.10 m
Moisture content:
12%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.5	pH		6.5	pH	6.5 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23	mg/kg	1.32	26.723	mg/kg	0.00267 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	14	mg/kg	1.285	15.834	mg/kg	0.00123 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		62	mg/kg	1.462	79.742	mg/kg	0.00797 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		150	mg/kg	1.126	148.617	mg/kg	0.0149 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	590	mg/kg		519.2	mg/kg	0.0519 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.1	mg/kg	1.353	1.31	mg/kg	0.000131 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		15	mg/kg	1.579	20.849	mg/kg	0.00208 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		1100	mg/kg	1.245	1204.883	mg/kg	0.12 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		0.7	mg/kg		0.616	mg/kg	0.0000616 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1	mg/kg		0.88	mg/kg	0.000088 %	✓	
14	acenaphthene		201-469-6	83-32-9		5.9	mg/kg		5.192	mg/kg	0.000519 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				3.2	mg/kg		2.816	mg/kg	0.000282 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				48	mg/kg		42.24	mg/kg	0.00422 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				13	mg/kg		11.44	mg/kg	0.00114 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				120	mg/kg		105.6	mg/kg	0.0106 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				100	mg/kg		88	mg/kg	0.0088 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				54	mg/kg		47.52	mg/kg	0.00475 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				56	mg/kg		49.28	mg/kg	0.00493 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				57	mg/kg		50.16	mg/kg	0.00502 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				25	mg/kg		22	mg/kg	0.0022 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				49	mg/kg		43.12	mg/kg	0.00431 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				31	mg/kg		27.28	mg/kg	0.00273 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				7.9	mg/kg		6.952	mg/kg	0.000695 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				37	mg/kg		32.56	mg/kg	0.00326 %	✓	
			205-883-8	191-24-2									
										Total:	0.255 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP154

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

Sample details

Sample name:
TP154
Sample Depth:
0.00-0.10 m
Moisture content:
16%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 16% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.7 pH		6.7 pH	6.7 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		54 mg/kg	1.32	59.89 mg/kg	0.00599 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	4.6 mg/kg	1.285	4.966 mg/kg	0.000386 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		99 mg/kg	1.462	121.543 mg/kg	0.0122 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		180 mg/kg	1.126	170.234 mg/kg	0.017 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	710 mg/kg		596.4 mg/kg	0.0596 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1 mg/kg	1.353	1.137 mg/kg	0.000114 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		31 mg/kg	1.579	41.13 mg/kg	0.00411 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		570 mg/kg	1.245	595.969 mg/kg	0.0596 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		0.6 mg/kg		0.504 mg/kg	0.0000504 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1.3 mg/kg		1.092 mg/kg	0.000109 %	✓	
14	acenaphthene		201-469-6	83-32-9		2.6 mg/kg		2.184 mg/kg	0.000218 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				1.5	mg/kg		1.26	mg/kg	0.000126 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				23	mg/kg		19.32	mg/kg	0.00193 %	✓	
			201-581-5	85-01-8									
17		anthracene				6.1	mg/kg		5.124	mg/kg	0.000512 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				63	mg/kg		52.92	mg/kg	0.00529 %	✓	
			205-912-4	206-44-0									
19		pyrene				57	mg/kg		47.88	mg/kg	0.00479 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				33	mg/kg		27.72	mg/kg	0.00277 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				35	mg/kg		29.4	mg/kg	0.00294 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				39	mg/kg		32.76	mg/kg	0.00328 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				18	mg/kg		15.12	mg/kg	0.00151 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				34	mg/kg		28.56	mg/kg	0.00286 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				22	mg/kg		18.48	mg/kg	0.00185 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				5.4	mg/kg		4.536	mg/kg	0.000454 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				26	mg/kg		21.84	mg/kg	0.00218 %	✓	
			205-883-8	191-24-2									
										Total:	0.19 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP155

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

Sample details

Sample name:
TP155
Sample Depth:
0.00-0.10 m
Moisture content:
11%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		5.9	pH		5.9	pH	5.9 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		45	mg/kg	1.32	52.879	mg/kg	0.00529 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	4.4	mg/kg	1.285	5.033	mg/kg	0.000392 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		88	mg/kg	1.462	114.469	mg/kg	0.0114 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		210	mg/kg	1.126	210.429	mg/kg	0.021 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	610	mg/kg		542.9	mg/kg	0.0543 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.8	mg/kg	1.353	0.964	mg/kg	0.0000964 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		28	mg/kg	1.579	39.361	mg/kg	0.00394 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		650	mg/kg	1.245	720.067	mg/kg	0.072 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		0.57	mg/kg		0.507	mg/kg	0.0000507 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.74	mg/kg		0.659	mg/kg	0.0000659 %	✓	
14	acenaphthene		201-469-6	83-32-9		3.4	mg/kg		3.026	mg/kg	0.000303 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				1.7	mg/kg		1.513	mg/kg	0.000151 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				25	mg/kg		22.25	mg/kg	0.00223 %	✓	
			201-581-5	85-01-8									
17		anthracene				6.3	mg/kg		5.607	mg/kg	0.000561 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				58	mg/kg		51.62	mg/kg	0.00516 %	✓	
			205-912-4	206-44-0									
19		pyrene				52	mg/kg		46.28	mg/kg	0.00463 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				29	mg/kg		25.81	mg/kg	0.00258 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				30	mg/kg		26.7	mg/kg	0.00267 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				34	mg/kg		30.26	mg/kg	0.00303 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				14	mg/kg		12.46	mg/kg	0.00125 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				29	mg/kg		25.81	mg/kg	0.00258 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				19	mg/kg		16.91	mg/kg	0.00169 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				4.6	mg/kg		4.094	mg/kg	0.000409 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				22	mg/kg		19.58	mg/kg	0.00196 %	✓	
			205-883-8	191-24-2									
										Total:	0.198 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP156

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

Sample details

Sample name:
TP156
Sample Depth:
0.00-0.10 m
Moisture content:
11%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.1	pH		7.1	pH	7.1 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		26	mg/kg	1.32	30.552	mg/kg	0.00306 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	12	mg/kg	1.285	13.726	mg/kg	0.00107 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		99	mg/kg	1.462	128.778	mg/kg	0.0129 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		130	mg/kg	1.126	130.265	mg/kg	0.013 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	350	mg/kg		311.5	mg/kg	0.0312 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.6	mg/kg	1.353	0.723	mg/kg	0.0000723 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		26	mg/kg	1.579	36.55	mg/kg	0.00365 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		980	mg/kg	1.245	1085.64	mg/kg	0.109 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		0.88	mg/kg		0.783	mg/kg	0.0000783 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1.2	mg/kg		1.068	mg/kg	0.000107 %	✓	
14	acenaphthene		201-469-6	83-32-9		4.2	mg/kg		3.738	mg/kg	0.000374 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				2.1	mg/kg		1.869	mg/kg	0.000187 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				31	mg/kg		27.59	mg/kg	0.00276 %	✓	
			201-581-5	85-01-8									
17		anthracene				8.7	mg/kg		7.743	mg/kg	0.000774 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				85	mg/kg		75.65	mg/kg	0.00757 %	✓	
			205-912-4	206-44-0									
19		pyrene				73	mg/kg		64.97	mg/kg	0.0065 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				41	mg/kg		36.49	mg/kg	0.00365 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				42	mg/kg		37.38	mg/kg	0.00374 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				50	mg/kg		44.5	mg/kg	0.00445 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				21	mg/kg		18.69	mg/kg	0.00187 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				43	mg/kg		38.27	mg/kg	0.00383 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				30	mg/kg		26.7	mg/kg	0.00267 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				7.7	mg/kg		6.853	mg/kg	0.000685 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				39	mg/kg		34.71	mg/kg	0.00347 %	✓	
			205-883-8	191-24-2									
28		TPH (C6 to C40) petroleum group				742.5	mg/kg		660.825	mg/kg	0.0661 %	✓	
				TPH									
29		benzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
30		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
31		ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
32		xylene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
										Total:	0.283 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The absence of a free draining liquid and the relatively low concentrations of short-chain hydrocarbons reported indicates that this hazard property is not applicable to this waste.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0661%)

Classification of sample: TP157

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

Sample details

Sample name:
TP157
Sample Depth:
0.00-0.10 m
Moisture content:
14%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6	pH		6	pH	6pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		32	mg/kg	1.32	36.335	mg/kg	0.00363 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	1.5	mg/kg	1.285	1.658	mg/kg	0.000129 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.9	mg/kg	1.462	12.444	mg/kg	0.00124 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		110	mg/kg	1.126	106.509	mg/kg	0.0107 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	360	mg/kg		309.6	mg/kg	0.031 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1	mg/kg	1.353	1.164	mg/kg	0.000116 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		15	mg/kg	1.579	20.376	mg/kg	0.00204 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		210	mg/kg	1.245	224.795	mg/kg	0.0225 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		1.3	mg/kg		1.118	mg/kg	0.000112 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.56	mg/kg		0.482	mg/kg	0.0000482 %	✓	
14	acenaphthene		201-469-6	83-32-9		4.7	mg/kg		4.042	mg/kg	0.000404 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				2.8	mg/kg		2.408	mg/kg	0.000241 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				34	mg/kg		29.24	mg/kg	0.00292 %	✓	
			201-581-5	85-01-8									
17		anthracene				8.8	mg/kg		7.568	mg/kg	0.000757 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				64	mg/kg		55.04	mg/kg	0.0055 %	✓	
			205-912-4	206-44-0									
19		pyrene				56	mg/kg		48.16	mg/kg	0.00482 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				31	mg/kg		26.66	mg/kg	0.00267 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				32	mg/kg		27.52	mg/kg	0.00275 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				33	mg/kg		28.38	mg/kg	0.00284 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				13	mg/kg		11.18	mg/kg	0.00112 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				28	mg/kg		24.08	mg/kg	0.00241 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				17	mg/kg		14.62	mg/kg	0.00146 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				4.3	mg/kg		3.698	mg/kg	0.00037 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				21	mg/kg		18.06	mg/kg	0.00181 %	✓	
			205-883-8	191-24-2									
										Total:	0.102 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP158

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

Sample details

Sample name:
TP158
Sample Depth:
0.00-0.10 m
Moisture content:
16%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 16% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.2	pH		6.2	pH	6.2 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		45	mg/kg	1.32	49.908	mg/kg	0.00499 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19	mg/kg	1.462	23.326	mg/kg	0.00233 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		150	mg/kg	1.126	141.862	mg/kg	0.0142 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	520	mg/kg		436.8	mg/kg	0.0437 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.1	mg/kg	1.353	1.251	mg/kg	0.000125 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		24	mg/kg	1.579	31.843	mg/kg	0.00318 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		350	mg/kg	1.245	365.946	mg/kg	0.0366 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		0.29	mg/kg		0.244	mg/kg	0.0000244 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.34	mg/kg		0.286	mg/kg	0.0000286 %	✓	
14	acenaphthene		201-469-6	83-32-9		1.8	mg/kg		1.512	mg/kg	0.000151 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				0.89	mg/kg		0.748	mg/kg	0.0000748 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				15	mg/kg		12.6	mg/kg	0.00126 %	✓	
			201-581-5	85-01-8									
17		anthracene				3.8	mg/kg		3.192	mg/kg	0.000319 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				39	mg/kg		32.76	mg/kg	0.00328 %	✓	
			205-912-4	206-44-0									
19		pyrene				36	mg/kg		30.24	mg/kg	0.00302 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				21	mg/kg		17.64	mg/kg	0.00176 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				21	mg/kg		17.64	mg/kg	0.00176 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				23	mg/kg		19.32	mg/kg	0.00193 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				10	mg/kg		8.4	mg/kg	0.00084 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				20	mg/kg		16.8	mg/kg	0.00168 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				12	mg/kg		10.08	mg/kg	0.00101 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				3.1	mg/kg		2.604	mg/kg	0.00026 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				15	mg/kg		12.6	mg/kg	0.00126 %	✓	
			205-883-8	191-24-2									
										Total:	0.124 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP159

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

Sample details

Sample name:
TP159
Sample Depth:
0.00-0.10 m
Moisture content:
16%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 16% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.1	pH		6.1	pH	6.1 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		29	mg/kg	1.32	32.163	mg/kg	0.00322 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	1.6	mg/kg	1.285	1.727	mg/kg	0.000134 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21	mg/kg	1.462	25.782	mg/kg	0.00258 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		160	mg/kg	1.126	151.319	mg/kg	0.0151 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	440	mg/kg		369.6	mg/kg	0.037 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.9	mg/kg	1.353	1.023	mg/kg	0.000102 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		20	mg/kg	1.579	26.536	mg/kg	0.00265 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		310	mg/kg	1.245	324.124	mg/kg	0.0324 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		2.4	mg/kg		2.016	mg/kg	0.000202 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1.2	mg/kg		1.008	mg/kg	0.000101 %	✓	
14	acenaphthene		201-469-6	83-32-9		9.3	mg/kg		7.812	mg/kg	0.000781 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	•	fluorene				5.6	mg/kg		4.704	mg/kg	0.00047 %	✓	
			201-695-5	86-73-7									
16	•	phenanthrene				74	mg/kg		62.16	mg/kg	0.00622 %	✓	
			201-581-5	85-01-8									
17	•	anthracene				18	mg/kg		15.12	mg/kg	0.00151 %	✓	
			204-371-1	120-12-7									
18	•	fluoranthene				130	mg/kg		109.2	mg/kg	0.0109 %	✓	
			205-912-4	206-44-0									
19	•	pyrene				120	mg/kg		100.8	mg/kg	0.0101 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				59	mg/kg		49.56	mg/kg	0.00496 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				62	mg/kg		52.08	mg/kg	0.00521 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				63	mg/kg		52.92	mg/kg	0.00529 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				24	mg/kg		20.16	mg/kg	0.00202 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				55	mg/kg		46.2	mg/kg	0.00462 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	•	indeno[123-cd]pyrene				33	mg/kg		27.72	mg/kg	0.00277 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				9	mg/kg		7.56	mg/kg	0.000756 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	•	benzo[ghi]perylene				41	mg/kg		34.44	mg/kg	0.00344 %	✓	
			205-883-8	191-24-2									
										Total:	0.153 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP160

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

Sample details

Sample name:
TP160
Sample Depth:
0.00-0.10 m
Moisture content:
16%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 16% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.4 pH		7.4 pH	7.4 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		40 mg/kg	1.32	44.363 mg/kg	0.00444 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.6 mg/kg	1.285	2.807 mg/kg	0.000218 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25 mg/kg	1.462	30.693 mg/kg	0.00307 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		180 mg/kg	1.126	170.234 mg/kg	0.017 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	500 mg/kg		420 mg/kg	0.042 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		2.7 mg/kg	1.353	3.07 mg/kg	0.000307 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		26 mg/kg	1.579	34.496 mg/kg	0.00345 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		380 mg/kg	1.245	397.313 mg/kg	0.0397 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		2.2 mg/kg		1.848 mg/kg	0.000185 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1.4 mg/kg		1.176 mg/kg	0.000118 %	✓	
14	acenaphthene		201-469-6	83-32-9		17 mg/kg		14.28 mg/kg	0.00143 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				8.9	mg/kg		7.476	mg/kg	0.000748 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				130	mg/kg		109.2	mg/kg	0.0109 %	✓	
			201-581-5	85-01-8									
17		anthracene				35	mg/kg		29.4	mg/kg	0.00294 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				230	mg/kg		193.2	mg/kg	0.0193 %	✓	
			205-912-4	206-44-0									
19		pyrene				210	mg/kg		176.4	mg/kg	0.0176 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				100	mg/kg		84	mg/kg	0.0084 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				110	mg/kg		92.4	mg/kg	0.00924 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				100	mg/kg		84	mg/kg	0.0084 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				48	mg/kg		40.32	mg/kg	0.00403 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				83	mg/kg		69.72	mg/kg	0.00697 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				42	mg/kg		35.28	mg/kg	0.00353 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				12	mg/kg		10.08	mg/kg	0.00101 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				47	mg/kg		39.48	mg/kg	0.00395 %	✓	
			205-883-8	191-24-2									
										Total:	0.209 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP161

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

Sample details

Sample name:
TP161
Sample Depth:
0.00-0.10 m
Moisture content:
12%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.8	pH		6.8	pH	6.8 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		39	mg/kg	1.32	45.314	mg/kg	0.00453 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	1.9	mg/kg	1.285	2.149	mg/kg	0.000167 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22	mg/kg	1.462	28.296	mg/kg	0.00283 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		170	mg/kg	1.126	168.433	mg/kg	0.0168 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	560	mg/kg		492.8	mg/kg	0.0493 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.5	mg/kg	1.353	1.787	mg/kg	0.000179 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		22	mg/kg	1.579	30.579	mg/kg	0.00306 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		380	mg/kg	1.245	416.232	mg/kg	0.0416 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		3.6	mg/kg		3.168	mg/kg	0.000317 %	✓	
13	acenaphthylene		205-917-1	208-96-8		3.9	mg/kg		3.432	mg/kg	0.000343 %	✓	
14	acenaphthene		201-469-6	83-32-9		22	mg/kg		19.36	mg/kg	0.00194 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				13	mg/kg		11.44	mg/kg	0.00114 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				190	mg/kg		167.2	mg/kg	0.0167 %	✓	
			201-581-5	85-01-8									
17		anthracene				51	mg/kg		44.88	mg/kg	0.00449 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				300	mg/kg		264	mg/kg	0.0264 %	✓	
			205-912-4	206-44-0									
19		pyrene				280	mg/kg		246.4	mg/kg	0.0246 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				140	mg/kg		123.2	mg/kg	0.0123 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				150	mg/kg		132	mg/kg	0.0132 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				140	mg/kg		123.2	mg/kg	0.0123 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				49	mg/kg		43.12	mg/kg	0.00431 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				100	mg/kg		88	mg/kg	0.0088 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				51	mg/kg		44.88	mg/kg	0.00449 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				15	mg/kg		13.2	mg/kg	0.00132 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				62	mg/kg		54.56	mg/kg	0.00546 %	✓	
			205-883-8	191-24-2									
										Total:	0.257 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP162

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

Sample details

Sample name:
TP162
Sample Depth:
0.00-0.10 m
Moisture content:
8.4%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 8.4% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.6 pH		7.6 pH	7.6 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		44 mg/kg	1.32	53.214 mg/kg	0.00532 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	3.5 mg/kg	1.285	4.121 mg/kg	0.000321 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		32 mg/kg	1.462	42.841 mg/kg	0.00428 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		390 mg/kg	1.126	402.212 mg/kg	0.0402 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	580 mg/kg		531.28 mg/kg	0.0531 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		2 mg/kg	1.353	2.48 mg/kg	0.000248 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		31 mg/kg	1.579	44.851 mg/kg	0.00449 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		530 mg/kg	1.245	604.284 mg/kg	0.0604 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		5.6 mg/kg		5.13 mg/kg	0.000513 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1.9 mg/kg		1.74 mg/kg	0.000174 %	✓	
14	acenaphthene		201-469-6	83-32-9		44 mg/kg		40.304 mg/kg	0.00403 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				24	mg/kg		21.984	mg/kg	0.0022 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				350	mg/kg		320.6	mg/kg	0.0321 %	✓	
			201-581-5	85-01-8									
17		anthracene				92	mg/kg		84.272	mg/kg	0.00843 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				540	mg/kg		494.64	mg/kg	0.0495 %	✓	
			205-912-4	206-44-0									
19		pyrene				510	mg/kg		467.16	mg/kg	0.0467 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				240	mg/kg		219.84	mg/kg	0.022 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				260	mg/kg		238.16	mg/kg	0.0238 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				230	mg/kg		210.68	mg/kg	0.0211 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				100	mg/kg		91.6	mg/kg	0.00916 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				210	mg/kg		192.36	mg/kg	0.0192 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				120	mg/kg		109.92	mg/kg	0.011 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				32	mg/kg		29.312	mg/kg	0.00293 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				150	mg/kg		137.4	mg/kg	0.0137 %	✓	
			205-883-8	191-24-2									
										Total:	0.435 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP163

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

Sample details

Sample name:
TP163
Sample Depth:
0.00-0.10 m
Moisture content:
11%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		5.8	pH		5.8	pH	5.8 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		46	mg/kg	1.32	54.054	mg/kg	0.00541 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	1.9	mg/kg	1.285	2.173	mg/kg	0.000169 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21	mg/kg	1.462	27.316	mg/kg	0.00273 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		170	mg/kg	1.126	170.347	mg/kg	0.017 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	490	mg/kg		436.1	mg/kg	0.0436 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.9	mg/kg	1.353	1.084	mg/kg	0.000108 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		24	mg/kg	1.579	33.738	mg/kg	0.00337 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		310	mg/kg	1.245	343.417	mg/kg	0.0343 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		3.9	mg/kg		3.471	mg/kg	0.000347 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1.5	mg/kg		1.335	mg/kg	0.000133 %	✓	
14	acenaphthene		201-469-6	83-32-9		42	mg/kg		37.38	mg/kg	0.00374 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				22	mg/kg		19.58	mg/kg	0.00196 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				280	mg/kg		249.2	mg/kg	0.0249 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				69	mg/kg		61.41	mg/kg	0.00614 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				380	mg/kg		338.2	mg/kg	0.0338 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				360	mg/kg		320.4	mg/kg	0.032 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				170	mg/kg		151.3	mg/kg	0.0151 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				190	mg/kg		169.1	mg/kg	0.0169 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				160	mg/kg		142.4	mg/kg	0.0142 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				78	mg/kg		69.42	mg/kg	0.00694 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				150	mg/kg		133.5	mg/kg	0.0134 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				86	mg/kg		76.54	mg/kg	0.00765 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				23	mg/kg		20.47	mg/kg	0.00205 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				100	mg/kg		89	mg/kg	0.0089 %	✓	
			205-883-8	191-24-2									
										Total:	0.295 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP164

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

Sample details

Sample name:
TP164
Sample Depth:
0.00-0.10 m
Moisture content:
11%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.4	pH		6.4	pH	6.4 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		51	mg/kg	1.32	59.93	mg/kg	0.00599 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23	mg/kg	1.462	29.918	mg/kg	0.00299 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		170	mg/kg	1.126	170.347	mg/kg	0.017 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	440	mg/kg		391.6	mg/kg	0.0392 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.7	mg/kg	1.353	0.843	mg/kg	0.0000843 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		30	mg/kg	1.579	42.173	mg/kg	0.00422 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		270	mg/kg	1.245	299.105	mg/kg	0.0299 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		15	mg/kg		13.35	mg/kg	0.00134 %	✓	
13	acenaphthylene		205-917-1	208-96-8		5.1	mg/kg		4.539	mg/kg	0.000454 %	✓	
14	acenaphthene		201-469-6	83-32-9		130	mg/kg		115.7	mg/kg	0.0116 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				68	mg/kg		60.52	mg/kg	0.00605 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				910	mg/kg		809.9	mg/kg	0.081 %	✓	
			201-581-5	85-01-8									
17		anthracene				230	mg/kg		204.7	mg/kg	0.0205 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				1300	mg/kg		1157	mg/kg	0.116 %	✓	
			205-912-4	206-44-0									
19		pyrene				1300	mg/kg		1157	mg/kg	0.116 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				600	mg/kg		534	mg/kg	0.0534 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				630	mg/kg		560.7	mg/kg	0.0561 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				570	mg/kg		507.3	mg/kg	0.0507 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				240	mg/kg		213.6	mg/kg	0.0214 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				480	mg/kg		427.2	mg/kg	0.0427 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				220	mg/kg		195.8	mg/kg	0.0196 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				65	mg/kg		57.85	mg/kg	0.00579 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				240	mg/kg		213.6	mg/kg	0.0214 %	✓	
			205-883-8	191-24-2									
										Total:	0.723 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP165

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

Sample details

Sample name:
TP165
Sample Depth:
0.00-0.10 m
Moisture content:
12%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		5.7 pH		5.7 pH	5.7 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		85 mg/kg	1.32	98.76 mg/kg	0.00988 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		28 mg/kg	1.462	36.013 mg/kg	0.0036 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		240 mg/kg	1.126	237.788 mg/kg	0.0238 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	640 mg/kg		563.2 mg/kg	0.0563 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.3 mg/kg	1.353	1.548 mg/kg	0.000155 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		45 mg/kg	1.579	62.548 mg/kg	0.00625 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		230 mg/kg	1.245	251.93 mg/kg	0.0252 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		6.5 mg/kg		5.72 mg/kg	0.000572 %	✓	
13	acenaphthylene		205-917-1	208-96-8		2.3 mg/kg		2.024 mg/kg	0.000202 %	✓	
14	acenaphthene		201-469-6	83-32-9		53 mg/kg		46.64 mg/kg	0.00466 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				28	mg/kg		24.64	mg/kg	0.00246 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				430	mg/kg		378.4	mg/kg	0.0378 %	✓	
			201-581-5	85-01-8									
17		anthracene				110	mg/kg		96.8	mg/kg	0.00968 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				650	mg/kg		572	mg/kg	0.0572 %	✓	
			205-912-4	206-44-0									
19		pyrene				600	mg/kg		528	mg/kg	0.0528 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				280	mg/kg		246.4	mg/kg	0.0246 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				300	mg/kg		264	mg/kg	0.0264 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				290	mg/kg		255.2	mg/kg	0.0255 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				130	mg/kg		114.4	mg/kg	0.0114 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				250	mg/kg		220	mg/kg	0.022 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				140	mg/kg		123.2	mg/kg	0.0123 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				38	mg/kg		33.44	mg/kg	0.00334 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				170	mg/kg		149.6	mg/kg	0.015 %	✓	
			205-883-8	191-24-2									
										Total:	0.432 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP166

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

Sample details

Sample name:
TP166
Sample Depth:
0.00-0.10 m
Moisture content:
12%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.1 pH		6.1 pH	6.1 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		87 mg/kg	1.32	101.084 mg/kg	0.0101 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		28 mg/kg	1.462	36.013 mg/kg	0.0036 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		250 mg/kg	1.126	247.695 mg/kg	0.0248 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	580 mg/kg		510.4 mg/kg	0.051 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.4 mg/kg	1.353	1.667 mg/kg	0.000167 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		37 mg/kg	1.579	51.429 mg/kg	0.00514 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		300 mg/kg	1.245	328.604 mg/kg	0.0329 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		7.9 mg/kg		6.952 mg/kg	0.000695 %	✓	
13	acenaphthylene		205-917-1	208-96-8		4.8 mg/kg		4.224 mg/kg	0.000422 %	✓	
14	acenaphthene		201-469-6	83-32-9		67 mg/kg		58.96 mg/kg	0.0059 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				38	mg/kg		33.44	mg/kg	0.00334 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				550	mg/kg		484	mg/kg	0.0484 %	✓	
			201-581-5	85-01-8									
17		anthracene				140	mg/kg		123.2	mg/kg	0.0123 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				1100	mg/kg		968	mg/kg	0.0968 %	✓	
			205-912-4	206-44-0									
19		pyrene				990	mg/kg		871.2	mg/kg	0.0871 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				500	mg/kg		440	mg/kg	0.044 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				490	mg/kg		431.2	mg/kg	0.0431 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				480	mg/kg		422.4	mg/kg	0.0422 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				240	mg/kg		211.2	mg/kg	0.0211 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				470	mg/kg		413.6	mg/kg	0.0414 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				300	mg/kg		264	mg/kg	0.0264 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				78	mg/kg		68.64	mg/kg	0.00686 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				360	mg/kg		316.8	mg/kg	0.0317 %	✓	
			205-883-8	191-24-2									
										Total:	0.64 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP167

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

Sample details

Sample name:
TP167
Sample Depth:
0.00-0.10 m
Moisture content:
6.7%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 6.7% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.2	pH		6.2	pH	6.2 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		99	mg/kg	1.32	121.954	mg/kg	0.0122 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		100	mg/kg	1.462	136.363	mg/kg	0.0136 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		370	mg/kg	1.126	388.668	mg/kg	0.0389 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	710	mg/kg		662.43	mg/kg	0.0662 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.5	mg/kg	1.353	1.894	mg/kg	0.000189 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		43	mg/kg	1.579	63.368	mg/kg	0.00634 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		290	mg/kg	1.245	336.782	mg/kg	0.0337 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		1.6	mg/kg		1.493	mg/kg	0.000149 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1	mg/kg		0.933	mg/kg	0.0000933 %	✓	
14	acenaphthene		201-469-6	83-32-9		13	mg/kg		12.129	mg/kg	0.00121 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				7.4	mg/kg		6.904	mg/kg	0.00069 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				110	mg/kg		102.63	mg/kg	0.0103 %	✓	
			201-581-5	85-01-8									
17		anthracene				26	mg/kg		24.258	mg/kg	0.00243 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				190	mg/kg		177.27	mg/kg	0.0177 %	✓	
			205-912-4	206-44-0									
19		pyrene				170	mg/kg		158.61	mg/kg	0.0159 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				79	mg/kg		73.707	mg/kg	0.00737 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				84	mg/kg		78.372	mg/kg	0.00784 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				84	mg/kg		78.372	mg/kg	0.00784 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				32	mg/kg		29.856	mg/kg	0.00299 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				72	mg/kg		67.176	mg/kg	0.00672 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				44	mg/kg		41.052	mg/kg	0.00411 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				12	mg/kg		11.196	mg/kg	0.00112 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				56	mg/kg		52.248	mg/kg	0.00522 %	✓	
			205-883-8	191-24-2									
										Total:	0.263 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP168

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

Sample details

Sample name:
TP168
Sample Depth:
0.00-0.10 m
Moisture content:
10%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 10% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6	pH		6	pH	6pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		39	mg/kg	1.32	46.343	mg/kg	0.00463 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21	mg/kg	1.462	27.623	mg/kg	0.00276 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		180	mg/kg	1.126	182.394	mg/kg	0.0182 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	360	mg/kg		324	mg/kg	0.0324 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.9	mg/kg	1.353	1.096	mg/kg	0.00011 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		25	mg/kg	1.579	35.539	mg/kg	0.00355 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		210	mg/kg	1.245	235.251	mg/kg	0.0235 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		2.7	mg/kg		2.43	mg/kg	0.000243 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.89	mg/kg		0.801	mg/kg	0.0000801 %	✓	
14	acenaphthene		201-469-6	83-32-9		19	mg/kg		17.1	mg/kg	0.00171 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				10	mg/kg		9	mg/kg	0.0009 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				130	mg/kg		117	mg/kg	0.0117 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				30	mg/kg		27	mg/kg	0.0027 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				200	mg/kg		180	mg/kg	0.018 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				190	mg/kg		171	mg/kg	0.0171 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				88	mg/kg		79.2	mg/kg	0.00792 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				82	mg/kg		73.8	mg/kg	0.00738 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				81	mg/kg		72.9	mg/kg	0.00729 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				38	mg/kg		34.2	mg/kg	0.00342 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				73	mg/kg		65.7	mg/kg	0.00657 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				46	mg/kg		41.4	mg/kg	0.00414 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				12	mg/kg		10.8	mg/kg	0.00108 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				56	mg/kg		50.4	mg/kg	0.00504 %	✓	
			205-883-8	191-24-2									
										Total:	0.181 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP169

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

Sample details

Sample name:
TP169
Sample Depth:
0.00-0.10 m
Moisture content:
10%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 10% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.5	pH		6.5	pH	6.5 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		47	mg/kg	1.32	55.85	mg/kg	0.00558 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		**<LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		**<LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21	mg/kg	1.462	27.623	mg/kg	0.00276 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		170	mg/kg	1.126	172.261	mg/kg	0.0172 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	400	mg/kg		360	mg/kg	0.036 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1	mg/kg	1.353	1.218	mg/kg	0.000122 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		27	mg/kg	1.579	38.382	mg/kg	0.00384 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		**<LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		260	mg/kg	1.245	291.263	mg/kg	0.0291 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		7	mg/kg		6.3	mg/kg	0.00063 %	✓	
13	acenaphthylene		205-917-1	208-96-8		5.1	mg/kg		4.59	mg/kg	0.000459 %	✓	
14	acenaphthene		201-469-6	83-32-9		56	mg/kg		50.4	mg/kg	0.00504 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				29	mg/kg		26.1	mg/kg	0.00261 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				440	mg/kg		396	mg/kg	0.0396 %	✓	
			201-581-5	85-01-8									
17		anthracene				120	mg/kg		108	mg/kg	0.0108 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				990	mg/kg		891	mg/kg	0.0891 %	✓	
			205-912-4	206-44-0									
19		pyrene				900	mg/kg		810	mg/kg	0.081 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				460	mg/kg		414	mg/kg	0.0414 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				440	mg/kg		396	mg/kg	0.0396 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				480	mg/kg		432	mg/kg	0.0432 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				170	mg/kg		153	mg/kg	0.0153 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				410	mg/kg		369	mg/kg	0.0369 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				240	mg/kg		216	mg/kg	0.0216 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				73	mg/kg		65.7	mg/kg	0.00657 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				300	mg/kg		270	mg/kg	0.027 %	✓	
			205-883-8	191-24-2									
										Total:	0.556 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP170

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

Sample details

Sample name:
TP170
Sample Depth:
0.00-0.10 m
Moisture content:
5.8%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 5.8% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.8 pH		6.8 pH	6.8 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		40 mg/kg	1.32	49.75 mg/kg	0.00497 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	1.7 mg/kg	1.285	2.058 mg/kg	0.00016 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		47 mg/kg	1.462	64.709 mg/kg	0.00647 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		240 mg/kg	1.126	254.541 mg/kg	0.0255 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	410 mg/kg		386.22 mg/kg	0.0386 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.8 mg/kg	1.353	1.02 mg/kg	0.000102 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		35 mg/kg	1.579	52.076 mg/kg	0.00521 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		280 mg/kg	1.245	328.306 mg/kg	0.0328 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		4.8 mg/kg		4.522 mg/kg	0.000452 %	✓	
13	acenaphthylene		205-917-1	208-96-8		2.6 mg/kg		2.449 mg/kg	0.000245 %	✓	
14	acenaphthene		201-469-6	83-32-9		48 mg/kg		45.216 mg/kg	0.00452 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				25	mg/kg		23.55	mg/kg	0.00236 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				380	mg/kg		357.96	mg/kg	0.0358 %	✓	
			201-581-5	85-01-8									
17		anthracene				91	mg/kg		85.722	mg/kg	0.00857 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				660	mg/kg		621.72	mg/kg	0.0622 %	✓	
			205-912-4	206-44-0									
19		pyrene				600	mg/kg		565.2	mg/kg	0.0565 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				290	mg/kg		273.18	mg/kg	0.0273 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				270	mg/kg		254.34	mg/kg	0.0254 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				260	mg/kg		244.92	mg/kg	0.0245 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				130	mg/kg		122.46	mg/kg	0.0122 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				240	mg/kg		226.08	mg/kg	0.0226 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				150	mg/kg		141.3	mg/kg	0.0141 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				38	mg/kg		35.796	mg/kg	0.00358 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				180	mg/kg		169.56	mg/kg	0.017 %	✓	
			205-883-8	191-24-2									
										Total:	0.432 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP171

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

Sample details

Sample name:
TP171
Sample Depth:
0.00-0.10 m
Moisture content:
8.8%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 8.8% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.9 pH		6.9 pH	6.9 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		49 mg/kg	1.32	59.003 mg/kg	0.0059 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.1 mg/kg	1.285	2.462 mg/kg	0.000192 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	30.658 mg/kg	0.00307 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		250 mg/kg	1.126	256.703 mg/kg	0.0257 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	470 mg/kg		428.64 mg/kg	0.0429 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.2 mg/kg	1.353	1.481 mg/kg	0.000148 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		28 mg/kg	1.579	40.334 mg/kg	0.00403 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		240 mg/kg	1.245	272.443 mg/kg	0.0272 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		5.5 mg/kg		5.016 mg/kg	0.000502 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1.7 mg/kg		1.55 mg/kg	0.000155 %	✓	
14	acenaphthene		201-469-6	83-32-9		30 mg/kg		27.36 mg/kg	0.00274 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				17	mg/kg		15.504	mg/kg	0.00155 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				220	mg/kg		200.64	mg/kg	0.0201 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				52	mg/kg		47.424	mg/kg	0.00474 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				370	mg/kg		337.44	mg/kg	0.0337 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				340	mg/kg		310.08	mg/kg	0.031 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				170	mg/kg		155.04	mg/kg	0.0155 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				150	mg/kg		136.8	mg/kg	0.0137 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				150	mg/kg		136.8	mg/kg	0.0137 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				74	mg/kg		67.488	mg/kg	0.00675 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				140	mg/kg		127.68	mg/kg	0.0128 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				81	mg/kg		73.872	mg/kg	0.00739 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				25	mg/kg		22.8	mg/kg	0.00228 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				99	mg/kg		90.288	mg/kg	0.00903 %	✓	
			205-883-8	191-24-2									
										Total:	0.285 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP172

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

Sample details

Sample name:
TP172
Sample Depth:
0.00-0.10 m
Moisture content:
7.2%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 7.2% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.2 pH		6.2 pH	6.2 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		50 mg/kg	1.32	61.263 mg/kg	0.00613 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	35.264 mg/kg	0.00353 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		240 mg/kg	1.126	250.758 mg/kg	0.0251 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	520 mg/kg		482.56 mg/kg	0.0483 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1 mg/kg	1.353	1.256 mg/kg	0.000126 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		28 mg/kg	1.579	41.042 mg/kg	0.0041 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		240 mg/kg	1.245	277.223 mg/kg	0.0277 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		7.1 mg/kg		6.589 mg/kg	0.000659 %	✓	
13	acenaphthylene		205-917-1	208-96-8		3.9 mg/kg		3.619 mg/kg	0.000362 %	✓	
14	acenaphthene		201-469-6	83-32-9		76 mg/kg		70.528 mg/kg	0.00705 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				40	mg/kg		37.12	mg/kg	0.00371 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				590	mg/kg		547.52	mg/kg	0.0548 %	✓	
			201-581-5	85-01-8									
17		anthracene				140	mg/kg		129.92	mg/kg	0.013 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				980	mg/kg		909.44	mg/kg	0.0909 %	✓	
			205-912-4	206-44-0									
19		pyrene				900	mg/kg		835.2	mg/kg	0.0835 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				450	mg/kg		417.6	mg/kg	0.0418 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				450	mg/kg		417.6	mg/kg	0.0418 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				480	mg/kg		445.44	mg/kg	0.0445 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				150	mg/kg		139.2	mg/kg	0.0139 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				390	mg/kg		361.92	mg/kg	0.0362 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				230	mg/kg		213.44	mg/kg	0.0213 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				67	mg/kg		62.176	mg/kg	0.00622 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				270	mg/kg		250.56	mg/kg	0.0251 %	✓	
			205-883-8	191-24-2									
										Total:	0.6 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP173

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

Sample details

Sample name:
TP173
Sample Depth:
0.00-0.10 m
Moisture content:
8.4%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 8.4% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.4 pH		6.4 pH	6.4 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		51 mg/kg	1.32	61.68 mg/kg	0.00617 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	32.131 mg/kg	0.00321 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		190 mg/kg	1.126	195.95 mg/kg	0.0196 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	380 mg/kg		348.08 mg/kg	0.0348 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.2 mg/kg	1.353	1.488 mg/kg	0.000149 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		24 mg/kg	1.579	34.724 mg/kg	0.00347 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		270 mg/kg	1.245	307.843 mg/kg	0.0308 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		2.5 mg/kg		2.29 mg/kg	0.000229 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.62 mg/kg		0.568 mg/kg	0.0000568 %	✓	
14	acenaphthene		201-469-6	83-32-9		18 mg/kg		16.488 mg/kg	0.00165 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				10	mg/kg		9.16	mg/kg	0.000916 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				130	mg/kg		119.08	mg/kg	0.0119 %	✓	
			201-581-5	85-01-8									
17		anthracene				32	mg/kg		29.312	mg/kg	0.00293 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				190	mg/kg		174.04	mg/kg	0.0174 %	✓	
			205-912-4	206-44-0									
19		pyrene				170	mg/kg		155.72	mg/kg	0.0156 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				95	mg/kg		87.02	mg/kg	0.0087 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				87	mg/kg		79.692	mg/kg	0.00797 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				110	mg/kg		100.76	mg/kg	0.0101 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				33	mg/kg		30.228	mg/kg	0.00302 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				87	mg/kg		79.692	mg/kg	0.00797 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				39	mg/kg		35.724	mg/kg	0.00357 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				11	mg/kg		10.076	mg/kg	0.00101 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				45	mg/kg		41.22	mg/kg	0.00412 %	✓	
			205-883-8	191-24-2									
28		TPH (C6 to C40) petroleum group				810	mg/kg		741.96	mg/kg	0.0742 %	✓	
				TPH									
29		benzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
30		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
31		ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
32		xylene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
										Total:	0.27 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The absence of a free draining liquid and the relatively low concentrations of short-chain hydrocarbons reported indicates that this hazard property is not applicable to this waste.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0742%)

Classification of sample: TP174

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

Sample details

Sample name:
TP174
Sample Depth:
0.00-0.10 m
Moisture content:
11%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.3	pH		6.3	pH	6.3 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		34	mg/kg	1.32	39.953	mg/kg	0.004 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	1.7	mg/kg	1.285	1.945	mg/kg	0.000151 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20	mg/kg	1.462	26.016	mg/kg	0.0026 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		150	mg/kg	1.126	150.306	mg/kg	0.015 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	510	mg/kg		453.9	mg/kg	0.0454 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.8	mg/kg	1.353	2.168	mg/kg	0.000217 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		20	mg/kg	1.579	28.115	mg/kg	0.00281 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		300	mg/kg	1.245	332.339	mg/kg	0.0332 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		3.7	mg/kg		3.293	mg/kg	0.000329 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.95	mg/kg		0.845	mg/kg	0.0000845 %	✓	
14	acenaphthene		201-469-6	83-32-9		28	mg/kg		24.92	mg/kg	0.00249 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				17	mg/kg		15.13	mg/kg	0.00151 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				200	mg/kg		178	mg/kg	0.0178 %	✓	
			201-581-5	85-01-8									
17		anthracene				50	mg/kg		44.5	mg/kg	0.00445 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				270	mg/kg		240.3	mg/kg	0.024 %	✓	
			205-912-4	206-44-0									
19		pyrene				250	mg/kg		222.5	mg/kg	0.0222 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				150	mg/kg		133.5	mg/kg	0.0134 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				140	mg/kg		124.6	mg/kg	0.0125 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				180	mg/kg		160.2	mg/kg	0.016 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				58	mg/kg		51.62	mg/kg	0.00516 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				140	mg/kg		124.6	mg/kg	0.0125 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				71	mg/kg		63.19	mg/kg	0.00632 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				22	mg/kg		19.58	mg/kg	0.00196 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				82	mg/kg		72.98	mg/kg	0.0073 %	✓	
			205-883-8	191-24-2									
										Total:	0.252 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP175

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

Sample details

Sample name:
TP175
Sample Depth:
0.00-0.10 m
Moisture content:
11%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.2	pH		6.2	pH	6.2 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		46	mg/kg	1.32	54.054	mg/kg	0.00541 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		29	mg/kg	1.462	37.723	mg/kg	0.00377 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		260	mg/kg	1.126	260.531	mg/kg	0.0261 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	630	mg/kg		560.7	mg/kg	0.0561 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		3.6	mg/kg	1.353	4.337	mg/kg	0.000434 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		27	mg/kg	1.579	37.955	mg/kg	0.0038 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		320	mg/kg	1.245	354.495	mg/kg	0.0354 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		4.3	mg/kg		3.827	mg/kg	0.000383 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1.8	mg/kg		1.602	mg/kg	0.00016 %	✓	
14	acenaphthene		201-469-6	83-32-9		24	mg/kg		21.36	mg/kg	0.00214 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				15	mg/kg		13.35	mg/kg	0.00134 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				190	mg/kg		169.1	mg/kg	0.0169 %	✓	
			201-581-5	85-01-8									
17		anthracene				46	mg/kg		40.94	mg/kg	0.00409 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				290	mg/kg		258.1	mg/kg	0.0258 %	✓	
			205-912-4	206-44-0									
19		pyrene				260	mg/kg		231.4	mg/kg	0.0231 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				140	mg/kg		124.6	mg/kg	0.0125 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				120	mg/kg		106.8	mg/kg	0.0107 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				140	mg/kg		124.6	mg/kg	0.0125 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				48	mg/kg		42.72	mg/kg	0.00427 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				120	mg/kg		106.8	mg/kg	0.0107 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				69	mg/kg		61.41	mg/kg	0.00614 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				20	mg/kg		17.8	mg/kg	0.00178 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				82	mg/kg		72.98	mg/kg	0.0073 %	✓	
			205-883-8	191-24-2									
										Total:	0.271 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP176

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

Sample details

Sample name:
TP176
Sample Depth:
0.00-0.10 m
Moisture content:
9.1%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 9.1% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.7	pH		6.7	pH	6.7 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		56	mg/kg	1.32	67.21	mg/kg	0.00672 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	3.3	mg/kg	1.285	3.855	mg/kg	0.0003 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		30	mg/kg	1.462	39.857	mg/kg	0.00399 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		260	mg/kg	1.126	266.092	mg/kg	0.0266 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	880	mg/kg		799.92	mg/kg	0.08 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.6	mg/kg	1.353	1.969	mg/kg	0.000197 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		32	mg/kg	1.579	45.944	mg/kg	0.00459 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		620	mg/kg	1.245	701.496	mg/kg	0.0701 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		2.6	mg/kg		2.363	mg/kg	0.000236 %	✓	
13	acenaphthylene		205-917-1	208-96-8		2	mg/kg		1.818	mg/kg	0.000182 %	✓	
14	acenaphthene		201-469-6	83-32-9		26	mg/kg		23.634	mg/kg	0.00236 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				14	mg/kg		12.726	mg/kg	0.00127 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				200	mg/kg		181.8	mg/kg	0.0182 %	✓	
			201-581-5	85-01-8									
17		anthracene				46	mg/kg		41.814	mg/kg	0.00418 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				370	mg/kg		336.33	mg/kg	0.0336 %	✓	
			205-912-4	206-44-0									
19		pyrene				330	mg/kg		299.97	mg/kg	0.03 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				170	mg/kg		154.53	mg/kg	0.0155 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				160	mg/kg		145.44	mg/kg	0.0145 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				160	mg/kg		145.44	mg/kg	0.0145 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				76	mg/kg		69.084	mg/kg	0.00691 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				140	mg/kg		127.26	mg/kg	0.0127 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				88	mg/kg		79.992	mg/kg	0.008 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				26	mg/kg		23.634	mg/kg	0.00236 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				110	mg/kg		99.99	mg/kg	0.01 %	✓	
			205-883-8	191-24-2									
										Total:	0.368 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP178

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

Sample details

Sample name:
TP178
Sample Depth:
0.00-0.10 m
Moisture content:
9.4%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 9.4% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.2	pH		7.2	pH	7.2 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		28	mg/kg	1.32	33.494	mg/kg	0.00335 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	1.7	mg/kg	1.285	1.98	mg/kg	0.000154 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		28	mg/kg	1.462	37.077	mg/kg	0.00371 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		130	mg/kg	1.126	132.607	mg/kg	0.0133 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	370	mg/kg		335.22	mg/kg	0.0335 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		19	mg/kg	1.579	27.19	mg/kg	0.00272 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		260	mg/kg	1.245	293.205	mg/kg	0.0293 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		1.6	mg/kg		1.45	mg/kg	0.000145 %	✓	
13	acenaphthylene		205-917-1	208-96-8		3	mg/kg		2.718	mg/kg	0.000272 %	✓	
14	acenaphthene		201-469-6	83-32-9		9.1	mg/kg		8.245	mg/kg	0.000824 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				6.1	mg/kg		5.527	mg/kg	0.000553 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				81	mg/kg		73.386	mg/kg	0.00734 %	✓	
			201-581-5	85-01-8									
17		anthracene				21	mg/kg		19.026	mg/kg	0.0019 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				210	mg/kg		190.26	mg/kg	0.019 %	✓	
			205-912-4	206-44-0									
19		pyrene				200	mg/kg		181.2	mg/kg	0.0181 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				100	mg/kg		90.6	mg/kg	0.00906 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				95	mg/kg		86.07	mg/kg	0.00861 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				110	mg/kg		99.66	mg/kg	0.00997 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				46	mg/kg		41.676	mg/kg	0.00417 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				96	mg/kg		86.976	mg/kg	0.0087 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				63	mg/kg		57.078	mg/kg	0.00571 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				16	mg/kg		14.496	mg/kg	0.00145 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				72	mg/kg		65.232	mg/kg	0.00652 %	✓	
			205-883-8	191-24-2									
										Total:	0.189 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP179

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

Sample details

Sample name:
TP179
Sample Depth:
0.00-0.10 m
Moisture content:
10%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 10% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		5.7 pH		5.7 pH	5.7 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		42 mg/kg	1.32	49.908 mg/kg	0.00499 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	1.8 mg/kg	1.285	2.082 mg/kg	0.000162 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	31.57 mg/kg	0.00316 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		220 mg/kg	1.126	222.926 mg/kg	0.0223 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	470 mg/kg		423 mg/kg	0.0423 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.7 mg/kg	1.353	0.853 mg/kg	0.0000853 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		31 mg/kg	1.579	44.068 mg/kg	0.00441 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		350 mg/kg	1.245	392.085 mg/kg	0.0392 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		1.3 mg/kg		1.17 mg/kg	0.000117 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1.1 mg/kg		0.99 mg/kg	0.000099 %	✓	
14	acenaphthene		201-469-6	83-32-9		6.7 mg/kg		6.03 mg/kg	0.000603 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				3.7	mg/kg		3.33	mg/kg	0.000333 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				61	mg/kg		54.9	mg/kg	0.00549 %	✓	
			201-581-5	85-01-8									
17		anthracene				17	mg/kg		15.3	mg/kg	0.00153 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				150	mg/kg		135	mg/kg	0.0135 %	✓	
			205-912-4	206-44-0									
19		pyrene				140	mg/kg		126	mg/kg	0.0126 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				76	mg/kg		68.4	mg/kg	0.00684 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				76	mg/kg		68.4	mg/kg	0.00684 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				80	mg/kg		72	mg/kg	0.0072 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				36	mg/kg		32.4	mg/kg	0.00324 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				70	mg/kg		63	mg/kg	0.0063 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				45	mg/kg		40.5	mg/kg	0.00405 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				12	mg/kg		10.8	mg/kg	0.00108 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				52	mg/kg		46.8	mg/kg	0.00468 %	✓	
			205-883-8	191-24-2									
										Total:	0.191 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP180

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

Sample details

Sample name:
TP180
Sample Depth:
0.00-0.10 m
Moisture content:
12%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.116%)

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.: 0.116%)

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.2 pH		6.2 pH	6.2 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		31 mg/kg	1.32	36.018 mg/kg	0.0036 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	1.6 mg/kg	1.285	1.81 mg/kg	0.000141 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	27.01 mg/kg	0.0027 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		170 mg/kg	1.126	168.433 mg/kg	0.0168 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	440 mg/kg		387.2 mg/kg	0.0387 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.1	mg/kg	1.353	1.31	mg/kg	0.000131 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		22	mg/kg	1.579	30.579	mg/kg	0.00306 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		350	mg/kg	1.245	383.372	mg/kg	0.0383 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		1.6	mg/kg		1.408	mg/kg	0.000141 %	✓	
13		acenaphthylene		205-917-1	208-96-8		1.1	mg/kg		0.968	mg/kg	0.0000968 %	✓	
14		acenaphthene		201-469-6	83-32-9		7.9	mg/kg		6.952	mg/kg	0.000695 %	✓	
15		fluorene		201-695-5	86-73-7		4.7	mg/kg		4.136	mg/kg	0.000414 %	✓	
16		phenanthrene		201-581-5	85-01-8		71	mg/kg		62.48	mg/kg	0.00625 %	✓	
17		anthracene		204-371-1	120-12-7		19	mg/kg		16.72	mg/kg	0.00167 %	✓	
18		fluoranthene		205-912-4	206-44-0		170	mg/kg		149.6	mg/kg	0.015 %	✓	
19		pyrene		204-927-3	129-00-0		150	mg/kg		132	mg/kg	0.0132 %	✓	
20		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		86	mg/kg		75.68	mg/kg	0.00757 %	✓	
21		chrysene	601-048-00-0	205-923-4	218-01-9		88	mg/kg		77.44	mg/kg	0.00774 %	✓	
22		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		100	mg/kg		88	mg/kg	0.0088 %	✓	
23		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		44	mg/kg		38.72	mg/kg	0.00387 %	✓	
24		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		82	mg/kg		72.16	mg/kg	0.00722 %	✓	
25		indeno[123-cd]pyrene		205-893-2	193-39-5		50	mg/kg		44	mg/kg	0.0044 %	✓	
26		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		14	mg/kg		12.32	mg/kg	0.00123 %	✓	
27		benzo[ghi]perylene		205-883-8	191-24-2		57	mg/kg		50.16	mg/kg	0.00502 %	✓	
28		TPH (C6 to C40) petroleum group			TPH		1315	mg/kg		1157.2	mg/kg	0.116 %	✓	
29		benzene	601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
31		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
32		xylene	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]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
											Total:	0.303 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The absence of a free draining liquid and the relatively low concentrations of short-chain hydrocarbons reported indicates that this hazard property is not applicable to this waste.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.116%)

Classification of sample: TP181

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

Sample details

Sample name:
TP181
Sample Depth:
0.00-0.10 m
Moisture content:
13%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.2	pH		6.2	pH	6.2 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		47	mg/kg	1.32	53.988	mg/kg	0.0054 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.9	mg/kg	1.285	3.243	mg/kg	0.000252 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		84	mg/kg	1.462	106.81	mg/kg	0.0107 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		210	mg/kg	1.126	205.7	mg/kg	0.0206 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	530	mg/kg		461.1	mg/kg	0.0461 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.5	mg/kg	1.353	1.766	mg/kg	0.000177 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		28	mg/kg	1.579	38.477	mg/kg	0.00385 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		420	mg/kg	1.245	454.818	mg/kg	0.0455 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		1.5	mg/kg		1.305	mg/kg	0.000131 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1.3	mg/kg		1.131	mg/kg	0.000113 %	✓	
14	acenaphthene		201-469-6	83-32-9		9.3	mg/kg		8.091	mg/kg	0.000809 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				5.3	mg/kg		4.611	mg/kg	0.000461 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				87	mg/kg		75.69	mg/kg	0.00757 %	✓	
			201-581-5	85-01-8									
17		anthracene				21	mg/kg		18.27	mg/kg	0.00183 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				190	mg/kg		165.3	mg/kg	0.0165 %	✓	
			205-912-4	206-44-0									
19		pyrene				170	mg/kg		147.9	mg/kg	0.0148 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				95	mg/kg		82.65	mg/kg	0.00827 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				97	mg/kg		84.39	mg/kg	0.00844 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				110	mg/kg		95.7	mg/kg	0.00957 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				47	mg/kg		40.89	mg/kg	0.00409 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				91	mg/kg		79.17	mg/kg	0.00792 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				54	mg/kg		46.98	mg/kg	0.0047 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				16	mg/kg		13.92	mg/kg	0.00139 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				61	mg/kg		53.07	mg/kg	0.00531 %	✓	
			205-883-8	191-24-2									
										Total:	0.225 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP182

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

Sample details

Sample name:
TP182
Sample Depth:
0.00-0.10 m
Moisture content:
9.6%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 9.6% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6	pH		6	pH	6pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		65	mg/kg	1.32	77.582	mg/kg	0.00776 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		110	mg/kg	1.462	145.337	mg/kg	0.0145 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		200	mg/kg	1.126	203.561	mg/kg	0.0204 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	590	mg/kg		533.36	mg/kg	0.0533 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.9	mg/kg	1.353	1.101	mg/kg	0.00011 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		36	mg/kg	1.579	51.403	mg/kg	0.00514 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		400	mg/kg	1.245	450.089	mg/kg	0.045 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		1.8	mg/kg		1.627	mg/kg	0.000163 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.84	mg/kg		0.759	mg/kg	0.0000759 %	✓	
14	acenaphthene		201-469-6	83-32-9		8.5	mg/kg		7.684	mg/kg	0.000768 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				5.2	mg/kg		4.701	mg/kg	0.00047 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				82	mg/kg		74.128	mg/kg	0.00741 %	✓	
			201-581-5	85-01-8									
17		anthracene				18	mg/kg		16.272	mg/kg	0.00163 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				150	mg/kg		135.6	mg/kg	0.0136 %	✓	
			205-912-4	206-44-0									
19		pyrene				130	mg/kg		117.52	mg/kg	0.0118 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				70	mg/kg		63.28	mg/kg	0.00633 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				72	mg/kg		65.088	mg/kg	0.00651 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				88	mg/kg		79.552	mg/kg	0.00796 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				29	mg/kg		26.216	mg/kg	0.00262 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				64	mg/kg		57.856	mg/kg	0.00579 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				39	mg/kg		35.256	mg/kg	0.00353 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				11	mg/kg		9.944	mg/kg	0.000994 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				44	mg/kg		39.776	mg/kg	0.00398 %	✓	
			205-883-8	191-24-2									
										Total:	0.22 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP183

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

Sample details

Sample name:
TP183
Sample Depth:
0.00-0.10 m
Moisture content:
12%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.5 pH		6.5 pH	6.5 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		56 mg/kg	1.32	65.066 mg/kg	0.00651 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		58 mg/kg	1.462	74.598 mg/kg	0.00746 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		250 mg/kg	1.126	247.695 mg/kg	0.0248 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	570 mg/kg		501.6 mg/kg	0.0502 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.4 mg/kg	1.353	1.667 mg/kg	0.000167 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		42 mg/kg	1.579	58.378 mg/kg	0.00584 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		570 mg/kg	1.245	624.349 mg/kg	0.0624 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		0.23 mg/kg		0.202 mg/kg	0.0000202 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.23 mg/kg		0.202 mg/kg	0.0000202 %	✓	
14	acenaphthene		201-469-6	83-32-9		2.3 mg/kg		2.024 mg/kg	0.000202 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				1.2	mg/kg		1.056	mg/kg	0.000106 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				17	mg/kg		14.96	mg/kg	0.0015 %	✓	
			201-581-5	85-01-8									
17		anthracene				4.7	mg/kg		4.136	mg/kg	0.000414 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				44	mg/kg		38.72	mg/kg	0.00387 %	✓	
			205-912-4	206-44-0									
19		pyrene				40	mg/kg		35.2	mg/kg	0.00352 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				23	mg/kg		20.24	mg/kg	0.00202 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				21	mg/kg		18.48	mg/kg	0.00185 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				30	mg/kg		26.4	mg/kg	0.00264 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				10	mg/kg		8.8	mg/kg	0.00088 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				22	mg/kg		19.36	mg/kg	0.00194 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				11	mg/kg		9.68	mg/kg	0.000968 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				2.6	mg/kg		2.288	mg/kg	0.000229 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				13	mg/kg		11.44	mg/kg	0.00114 %	✓	
			205-883-8	191-24-2									
										Total:	0.179 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP184

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

Sample details

Sample name:
TP184
Sample Depth:
0.00-0.10 m
Moisture content:
17%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.1	pH		6.1	pH	6.1 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		50	mg/kg	1.32	54.794	mg/kg	0.00548 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	3.5	mg/kg	1.285	3.734	mg/kg	0.000291 %	✓	
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		61	mg/kg	1.462	73.999	mg/kg	0.0074 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		200	mg/kg	1.126	186.897	mg/kg	0.0187 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	620	mg/kg		514.6	mg/kg	0.0515 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.3	mg/kg	1.353	1.46	mg/kg	0.000146 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		35	mg/kg	1.579	45.884	mg/kg	0.00459 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		660	mg/kg	1.245	681.854	mg/kg	0.0682 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		0.81	mg/kg		0.672	mg/kg	0.0000672 %	✓	
13		acenaphthylene		205-917-1	208-96-8		1.1	mg/kg		0.913	mg/kg	0.0000913 %	✓	
14		acenaphthene		201-469-6	83-32-9		7.5	mg/kg		6.225	mg/kg	0.000622 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				3.5	mg/kg		2.905	mg/kg	0.000291 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				51	mg/kg		42.33	mg/kg	0.00423 %	✓	
			201-581-5	85-01-8									
17		anthracene				13	mg/kg		10.79	mg/kg	0.00108 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				110	mg/kg		91.3	mg/kg	0.00913 %	✓	
			205-912-4	206-44-0									
19		pyrene				93	mg/kg		77.19	mg/kg	0.00772 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				50	mg/kg		41.5	mg/kg	0.00415 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				47	mg/kg		39.01	mg/kg	0.0039 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				55	mg/kg		45.65	mg/kg	0.00456 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				23	mg/kg		19.09	mg/kg	0.00191 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				46	mg/kg		38.18	mg/kg	0.00382 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				30	mg/kg		24.9	mg/kg	0.00249 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				8.5	mg/kg		7.055	mg/kg	0.000705 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				35	mg/kg		29.05	mg/kg	0.00291 %	✓	
			205-883-8	191-24-2									
28		TPH (C6 to C40) petroleum group				713.2	mg/kg		591.956	mg/kg	0.0592 %	✓	
				TPH									
29		benzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
30		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
31		ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
32		xylene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
										Total:	0.263 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The absence of a free draining liquid and the relatively low concentrations of short-chain hydrocarbons reported indicates that this hazard property is not applicable to this waste.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0592%)

Classification of sample: TP185

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

Sample details

Sample name:
TP185
Sample Depth:
0.00-0.10 m
Moisture content:
10%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 10% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.7 pH		6.7 pH	6.7 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		50 mg/kg	1.32	59.415 mg/kg	0.00594 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	12 mg/kg	1.285	13.881 mg/kg	0.00108 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		180 mg/kg	1.462	236.772 mg/kg	0.0237 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		280 mg/kg	1.126	283.724 mg/kg	0.0284 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	750 mg/kg		675 mg/kg	0.0675 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.7 mg/kg	1.353	2.071 mg/kg	0.000207 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		38 mg/kg	1.579	54.019 mg/kg	0.0054 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		1300 mg/kg	1.245	1456.315 mg/kg	0.146 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		1.2 mg/kg		1.08 mg/kg	0.000108 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1.4 mg/kg		1.26 mg/kg	0.000126 %	✓	
14	acenaphthene		201-469-6	83-32-9		7 mg/kg		6.3 mg/kg	0.00063 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				4.5	mg/kg		4.05	mg/kg	0.000405 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				59	mg/kg		53.1	mg/kg	0.00531 %	✓	
			201-581-5	85-01-8									
17		anthracene				15	mg/kg		13.5	mg/kg	0.00135 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				110	mg/kg		99	mg/kg	0.0099 %	✓	
			205-912-4	206-44-0									
19		pyrene				99	mg/kg		89.1	mg/kg	0.00891 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				52	mg/kg		46.8	mg/kg	0.00468 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				49	mg/kg		44.1	mg/kg	0.00441 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				55	mg/kg		49.5	mg/kg	0.00495 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				25	mg/kg		22.5	mg/kg	0.00225 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				48	mg/kg		43.2	mg/kg	0.00432 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				30	mg/kg		27	mg/kg	0.0027 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				8.5	mg/kg		7.65	mg/kg	0.000765 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				36	mg/kg		32.4	mg/kg	0.00324 %	✓	
			205-883-8	191-24-2									
										Total:	0.332 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP186

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

Sample details

Sample name:
TP186
Sample Depth:
0.00-0.10 m
Moisture content:
7%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 10: Toxic for reproduction "waste which has adverse effects on sexual function and fertility in adult males and females, as well as developmental toxicity in the offspring"

Hazard Statements hit:

Repr. 1A; H360Df "May damage the unborn child. Suspected of damaging fertility."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.707%)

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Hazard Statements hit:

Aquatic Chronic 1; H410 "Very toxic to aquatic life with long lasting effects."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.707%)

Determinands

Moisture content: 7% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		5.7 pH		5.7 pH	5.7 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		53 mg/kg	1.32	65.079 mg/kg	0.00651 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	3.9 mg/kg	1.285	4.662 mg/kg	0.000363 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		190 mg/kg	1.462	258.257 mg/kg	0.0258 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		240 mg/kg	1.126	251.298 mg/kg	0.0251 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	7600 mg/kg		7068 mg/kg	0.707 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.3 mg/kg	1.353	1.636 mg/kg	0.000164 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		34	mg/kg	1.579	49.944	mg/kg	0.00499 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		**<LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		550	mg/kg	1.245	636.671	mg/kg	0.0637 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		3.2	mg/kg		2.976	mg/kg	0.000298 %	✓	
13	•	acenaphthylene		205-917-1	208-96-8		1.1	mg/kg		1.023	mg/kg	0.000102 %	✓	
14	•	acenaphthene		201-469-6	83-32-9		36	mg/kg		33.48	mg/kg	0.00335 %	✓	
15	•	fluorene		201-695-5	86-73-7		18	mg/kg		16.74	mg/kg	0.00167 %	✓	
16	•	phenanthrene		201-581-5	85-01-8		240	mg/kg		223.2	mg/kg	0.0223 %	✓	
17	•	anthracene		204-371-1	120-12-7		62	mg/kg		57.66	mg/kg	0.00577 %	✓	
18	•	fluoranthene		205-912-4	206-44-0		430	mg/kg		399.9	mg/kg	0.04 %	✓	
19	•	pyrene		204-927-3	129-00-0		380	mg/kg		353.4	mg/kg	0.0353 %	✓	
20		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		190	mg/kg		176.7	mg/kg	0.0177 %	✓	
21		chrysene	601-048-00-0	205-923-4	218-01-9		150	mg/kg		139.5	mg/kg	0.0139 %	✓	
22		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		210	mg/kg		195.3	mg/kg	0.0195 %	✓	
23		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		65	mg/kg		60.45	mg/kg	0.00605 %	✓	
24		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		150	mg/kg		139.5	mg/kg	0.0139 %	✓	
25	•	indeno[123-cd]pyrene		205-893-2	193-39-5		79	mg/kg		73.47	mg/kg	0.00735 %	✓	
26		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		23	mg/kg		21.39	mg/kg	0.00214 %	✓	
27	•	benzo[ghi]perylene		205-883-8	191-24-2		88	mg/kg		81.84	mg/kg	0.00818 %	✓	
											Total:	1.031 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP187

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

Sample details

Sample name:
TP187
Sample Depth:
0.00-0.10 m
Moisture content:
5.9%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 5.9% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6	pH		6	pH	6pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		160	mg/kg	1.32	198.788	mg/kg	0.0199 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		52	mg/kg	1.462	71.517	mg/kg	0.00715 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		610	mg/kg	1.126	646.271	mg/kg	0.0646 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1300	mg/kg		1223.3	mg/kg	0.122 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		110	mg/kg	1.579	163.494	mg/kg	0.0163 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		940	mg/kg	1.245	1100.999	mg/kg	0.11 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
13	acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
14	acenaphthene		201-469-6	83-32-9		6.7	mg/kg		6.305	mg/kg	0.00063 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				3.2	mg/kg		3.011	mg/kg	0.000301 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				52	mg/kg		48.932	mg/kg	0.00489 %	✓	
			201-581-5	85-01-8									
17		anthracene				13	mg/kg		12.233	mg/kg	0.00122 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				110	mg/kg		103.51	mg/kg	0.0104 %	✓	
			205-912-4	206-44-0									
19		pyrene				93	mg/kg		87.513	mg/kg	0.00875 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				48	mg/kg		45.168	mg/kg	0.00452 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				39	mg/kg		36.699	mg/kg	0.00367 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				55	mg/kg		51.755	mg/kg	0.00518 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				18	mg/kg		16.938	mg/kg	0.00169 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				40	mg/kg		37.64	mg/kg	0.00376 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				20	mg/kg		18.82	mg/kg	0.00188 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				5.7	mg/kg		5.364	mg/kg	0.000536 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				22	mg/kg		20.702	mg/kg	0.00207 %	✓	
			205-883-8	191-24-2									
28		TPH (C6 to C40) petroleum group				478.7	mg/kg		450.457	mg/kg	0.045 %	✓	
				TPH									
29		benzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
30		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
31		ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
32		xylene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
										Total:	0.435 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The absence of a free draining liquid and the relatively low concentrations of short-chain hydrocarbons reported indicates that this hazard property is not applicable to this waste.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.045%)

Classification of sample: TP188

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

Sample details

Sample name:
TP188
Sample Depth:
0.00-0.10 m
Moisture content:
7.5%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 7.5% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		5.9 pH		5.9 pH	5.9 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		54 mg/kg	1.32	65.95 mg/kg	0.0066 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	3.7 mg/kg	1.285	4.399 mg/kg	0.000342 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		170 mg/kg	1.462	229.83 mg/kg	0.023 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		490 mg/kg	1.126	510.309 mg/kg	0.051 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	770 mg/kg		712.25 mg/kg	0.0712 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.4 mg/kg	1.353	1.753 mg/kg	0.000175 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		87 mg/kg	1.579	127.11 mg/kg	0.0127 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		640 mg/kg	1.245	736.871 mg/kg	0.0737 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		1.9 mg/kg		1.758 mg/kg	0.000176 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1.2 mg/kg		1.11 mg/kg	0.000111 %	✓	
14	acenaphthene		201-469-6	83-32-9		13 mg/kg		12.025 mg/kg	0.0012 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				6.8	mg/kg		6.29	mg/kg	0.000629 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				120	mg/kg		111	mg/kg	0.0111 %	✓	
			201-581-5	85-01-8									
17		anthracene				33	mg/kg		30.525	mg/kg	0.00305 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				270	mg/kg		249.75	mg/kg	0.025 %	✓	
			205-912-4	206-44-0									
19		pyrene				250	mg/kg		231.25	mg/kg	0.0231 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				130	mg/kg		120.25	mg/kg	0.012 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				140	mg/kg		129.5	mg/kg	0.0129 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				130	mg/kg		120.25	mg/kg	0.012 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				61	mg/kg		56.425	mg/kg	0.00564 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				100	mg/kg		92.5	mg/kg	0.00925 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				60	mg/kg		55.5	mg/kg	0.00555 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				16	mg/kg		14.8	mg/kg	0.00148 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				67	mg/kg		61.975	mg/kg	0.0062 %	✓	
			205-883-8	191-24-2									
										Total:	0.369 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP189

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

Sample details

Sample name:
TP189
Sample Depth:
0.00-0.10 m
Moisture content:
15%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 15% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		5.4	pH		5.4	pH	5.4 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		52	mg/kg	1.32	58.358	mg/kg	0.00584 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.3	mg/kg	1.285	2.513	mg/kg	0.000195 %	✓	
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		68	mg/kg	1.462	84.478	mg/kg	0.00845 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		230	mg/kg	1.126	220.111	mg/kg	0.022 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	690	mg/kg		586.5	mg/kg	0.0587 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.2	mg/kg	1.353	1.381	mg/kg	0.000138 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		34	mg/kg	1.579	45.648	mg/kg	0.00456 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		500	mg/kg	1.245	529.003	mg/kg	0.0529 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
13		acenaphthylene		205-917-1	208-96-8		0.57	mg/kg		0.484	mg/kg	0.0000484 %	✓	
14		acenaphthene		201-469-6	83-32-9		13	mg/kg		11.05	mg/kg	0.00111 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				5.9	mg/kg		5.015	mg/kg	0.000502 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				97	mg/kg		82.45	mg/kg	0.00825 %	✓	
			201-581-5	85-01-8									
17		anthracene				23	mg/kg		19.55	mg/kg	0.00196 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				220	mg/kg		187	mg/kg	0.0187 %	✓	
			205-912-4	206-44-0									
19		pyrene				200	mg/kg		170	mg/kg	0.017 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				97	mg/kg		82.45	mg/kg	0.00825 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				86	mg/kg		73.1	mg/kg	0.00731 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				120	mg/kg		102	mg/kg	0.0102 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				38	mg/kg		32.3	mg/kg	0.00323 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				91	mg/kg		77.35	mg/kg	0.00774 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				44	mg/kg		37.4	mg/kg	0.00374 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				13	mg/kg		11.05	mg/kg	0.00111 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				47	mg/kg		39.95	mg/kg	0.004 %	✓	
			205-883-8	191-24-2									
										Total:	0.246 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP190

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

Sample details

Sample name:
TP190
Sample Depth:
0.00-0.10 m
Moisture content:
12%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.3	pH		6.3	pH	6.3 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		41	mg/kg	1.32	47.637	mg/kg	0.00476 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	3.7	mg/kg	1.285	4.185	mg/kg	0.000326 %	✓	
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		33	mg/kg	1.462	42.444	mg/kg	0.00424 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		210	mg/kg	1.126	208.064	mg/kg	0.0208 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	580	mg/kg		510.4	mg/kg	0.051 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.1	mg/kg	1.353	1.31	mg/kg	0.000131 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		32	mg/kg	1.579	44.479	mg/kg	0.00445 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		490	mg/kg	1.245	536.721	mg/kg	0.0537 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		3.9	mg/kg		3.432	mg/kg	0.000343 %	✓	
13		acenaphthylene		205-917-1	208-96-8		0.98	mg/kg		0.862	mg/kg	0.0000862 %	✓	
14		acenaphthene		201-469-6	83-32-9		19	mg/kg		16.72	mg/kg	0.00167 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				10	mg/kg		8.8	mg/kg	0.00088 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				160	mg/kg		140.8	mg/kg	0.0141 %	✓	
			201-581-5	85-01-8									
17		anthracene				40	mg/kg		35.2	mg/kg	0.00352 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				360	mg/kg		316.8	mg/kg	0.0317 %	✓	
			205-912-4	206-44-0									
19		pyrene				340	mg/kg		299.2	mg/kg	0.0299 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				160	mg/kg		140.8	mg/kg	0.0141 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				150	mg/kg		132	mg/kg	0.0132 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				210	mg/kg		184.8	mg/kg	0.0185 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				61	mg/kg		53.68	mg/kg	0.00537 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				150	mg/kg		132	mg/kg	0.0132 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				78	mg/kg		68.64	mg/kg	0.00686 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				20	mg/kg		17.6	mg/kg	0.00176 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				83	mg/kg		73.04	mg/kg	0.0073 %	✓	
			205-883-8	191-24-2									
										Total:	0.302 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP191

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

Sample details

Sample name:
TP191
Sample Depth:
0.00-0.10 m
Moisture content:
9.8%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 9.8% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.6 pH		6.6 pH	6.6 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		41 mg/kg	1.32	48.828 mg/kg	0.00488 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.3 mg/kg	1.285	2.666 mg/kg	0.000207 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		32 mg/kg	1.462	42.186 mg/kg	0.00422 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		190 mg/kg	1.126	192.955 mg/kg	0.0193 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	440 mg/kg		396.88 mg/kg	0.0397 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.8 mg/kg	1.353	0.977 mg/kg	0.0000977 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		34 mg/kg	1.579	48.44 mg/kg	0.00484 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		440 mg/kg	1.245	494.002 mg/kg	0.0494 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
13	acenaphthylene		205-917-1	208-96-8		0.74 mg/kg		0.667 mg/kg	0.0000667 %	✓	
14	acenaphthene		201-469-6	83-32-9		5.1 mg/kg		4.6 mg/kg	0.00046 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				2.6	mg/kg		2.345	mg/kg	0.000235 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				46	mg/kg		41.492	mg/kg	0.00415 %	✓	
			201-581-5	85-01-8									
17		anthracene				12	mg/kg		10.824	mg/kg	0.00108 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				140	mg/kg		126.28	mg/kg	0.0126 %	✓	
			205-912-4	206-44-0									
19		pyrene				140	mg/kg		126.28	mg/kg	0.0126 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				69	mg/kg		62.238	mg/kg	0.00622 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				64	mg/kg		57.728	mg/kg	0.00577 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				96	mg/kg		86.592	mg/kg	0.00866 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				33	mg/kg		29.766	mg/kg	0.00298 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				75	mg/kg		67.65	mg/kg	0.00677 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				36	mg/kg		32.472	mg/kg	0.00325 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				11	mg/kg		9.922	mg/kg	0.000992 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				39	mg/kg		35.178	mg/kg	0.00352 %	✓	
			205-883-8	191-24-2									
										Total:	0.192 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP192

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

Sample details

Sample name:
TP192
Sample Depth:
0.00-0.10 m
Moisture content:
12%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		7.2	pH		7.2	pH	7.2 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		35	mg/kg	1.32	40.666	mg/kg	0.00407 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.2	mg/kg	1.285	2.488	mg/kg	0.000194 %	✓	
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24	mg/kg	1.462	30.868	mg/kg	0.00309 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		200	mg/kg	1.126	198.156	mg/kg	0.0198 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	520	mg/kg		457.6	mg/kg	0.0458 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.4	mg/kg	1.353	1.667	mg/kg	0.000167 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		28	mg/kg	1.579	38.919	mg/kg	0.00389 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		410	mg/kg	1.245	449.093	mg/kg	0.0449 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		1.3	mg/kg		1.144	mg/kg	0.000114 %	✓	
13		acenaphthylene		205-917-1	208-96-8		0.72	mg/kg		0.634	mg/kg	0.0000634 %	✓	
14		acenaphthene		201-469-6	83-32-9		13	mg/kg		11.44	mg/kg	0.00114 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				6.9	mg/kg		6.072	mg/kg	0.000607 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				110	mg/kg		96.8	mg/kg	0.00968 %	✓	
			201-581-5	85-01-8									
17		anthracene				29	mg/kg		25.52	mg/kg	0.00255 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				240	mg/kg		211.2	mg/kg	0.0211 %	✓	
			205-912-4	206-44-0									
19		pyrene				230	mg/kg		202.4	mg/kg	0.0202 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				110	mg/kg		96.8	mg/kg	0.00968 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				98	mg/kg		86.24	mg/kg	0.00862 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				120	mg/kg		105.6	mg/kg	0.0106 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				51	mg/kg		44.88	mg/kg	0.00449 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				100	mg/kg		88	mg/kg	0.0088 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				49	mg/kg		43.12	mg/kg	0.00431 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				13	mg/kg		11.44	mg/kg	0.00114 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				53	mg/kg		46.64	mg/kg	0.00466 %	✓	
			205-883-8	191-24-2									
										Total:	0.23 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP193

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

Sample details

Sample name:
TP193
Sample Depth:
0.00-0.10 m
Moisture content:
8.8%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 8.8% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.3	pH		6.3	pH	6.3 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		43	mg/kg	1.32	51.778	mg/kg	0.00518 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.8	mg/kg	1.285	3.282	mg/kg	0.000255 %	✓	
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		36	mg/kg	1.462	47.986	mg/kg	0.0048 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		260	mg/kg	1.126	266.971	mg/kg	0.0267 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	510	mg/kg		465.12	mg/kg	0.0465 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		2	mg/kg	1.353	2.469	mg/kg	0.000247 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		33	mg/kg	1.579	47.537	mg/kg	0.00475 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		450	mg/kg	1.245	510.831	mg/kg	0.0511 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		1.9	mg/kg		1.733	mg/kg	0.000173 %	✓	
13		acenaphthylene		205-917-1	208-96-8		1.1	mg/kg		1.003	mg/kg	0.0001 %	✓	
14		acenaphthene		201-469-6	83-32-9		18	mg/kg		16.416	mg/kg	0.00164 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				8.8	mg/kg		8.026	mg/kg	0.000803 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				130	mg/kg		118.56	mg/kg	0.0119 %	✓	
			201-581-5	85-01-8									
17		anthracene				39	mg/kg		35.568	mg/kg	0.00356 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				310	mg/kg		282.72	mg/kg	0.0283 %	✓	
			205-912-4	206-44-0									
19		pyrene				290	mg/kg		264.48	mg/kg	0.0264 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				140	mg/kg		127.68	mg/kg	0.0128 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				130	mg/kg		118.56	mg/kg	0.0119 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				180	mg/kg		164.16	mg/kg	0.0164 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				48	mg/kg		43.776	mg/kg	0.00438 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				130	mg/kg		118.56	mg/kg	0.0119 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				67	mg/kg		61.104	mg/kg	0.00611 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				20	mg/kg		18.24	mg/kg	0.00182 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				74	mg/kg		67.488	mg/kg	0.00675 %	✓	
			205-883-8	191-24-2									
										Total:	0.285 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP194

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

Sample details

Sample name:
TP194
Sample Depth:
0.00-0.10 m
Moisture content:
6.6%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		5.3	pH		5.3	pH	5.3 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		94	mg/kg	1.32	115.919	mg/kg	0.0116 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		40	mg/kg	1.462	54.604	mg/kg	0.00546 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		300	mg/kg	1.126	315.474	mg/kg	0.0315 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1200	mg/kg		1120.8	mg/kg	0.112 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		3.4	mg/kg	1.353	4.298	mg/kg	0.00043 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		48	mg/kg	1.579	70.812	mg/kg	0.00708 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		550	mg/kg	1.245	639.41	mg/kg	0.0639 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
13	acenaphthylene		205-917-1	208-96-8		1.1	mg/kg		1.027	mg/kg	0.000103 %	✓	
14	acenaphthene		201-469-6	83-32-9		16	mg/kg		14.944	mg/kg	0.00149 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				9.5	mg/kg		8.873	mg/kg	0.000887 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				160	mg/kg		149.44	mg/kg	0.0149 %	✓	
			201-581-5	85-01-8									
17		anthracene				42	mg/kg		39.228	mg/kg	0.00392 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				270	mg/kg		252.18	mg/kg	0.0252 %	✓	
			205-912-4	206-44-0									
19		pyrene				250	mg/kg		233.5	mg/kg	0.0233 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				110	mg/kg		102.74	mg/kg	0.0103 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				130	mg/kg		121.42	mg/kg	0.0121 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				120	mg/kg		112.08	mg/kg	0.0112 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				45	mg/kg		42.03	mg/kg	0.0042 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				94	mg/kg		87.796	mg/kg	0.00878 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				44	mg/kg		41.096	mg/kg	0.00411 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				12	mg/kg		11.208	mg/kg	0.00112 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				50	mg/kg		46.7	mg/kg	0.00467 %	✓	
			205-883-8	191-24-2									
										Total:	0.359 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP195

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

Sample details

Sample name:
TP195
Sample Depth:
0.00-0.10 m
Moisture content:
6.7%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 6.7% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		5.4	pH		5.4	pH	5.4 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		65	mg/kg	1.32	80.071	mg/kg	0.00801 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.9	mg/kg	1.285	3.477	mg/kg	0.000271 %	✓	
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		52	mg/kg	1.462	70.909	mg/kg	0.00709 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		260	mg/kg	1.126	273.118	mg/kg	0.0273 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	900	mg/kg		839.7	mg/kg	0.084 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		2.2	mg/kg	1.353	2.778	mg/kg	0.000278 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		36	mg/kg	1.579	53.052	mg/kg	0.00531 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		680	mg/kg	1.245	789.696	mg/kg	0.079 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		3.2	mg/kg		2.986	mg/kg	0.000299 %	✓	
13		acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
14		acenaphthene		201-469-6	83-32-9		24	mg/kg		22.392	mg/kg	0.00224 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				15	mg/kg		13.995	mg/kg	0.0014 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				190	mg/kg		177.27	mg/kg	0.0177 %	✓	
			201-581-5	85-01-8									
17		anthracene				43	mg/kg		40.119	mg/kg	0.00401 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				310	mg/kg		289.23	mg/kg	0.0289 %	✓	
			205-912-4	206-44-0									
19		pyrene				300	mg/kg		279.9	mg/kg	0.028 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				130	mg/kg		121.29	mg/kg	0.0121 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				130	mg/kg		121.29	mg/kg	0.0121 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				170	mg/kg		158.61	mg/kg	0.0159 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				46	mg/kg		42.918	mg/kg	0.00429 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				120	mg/kg		111.96	mg/kg	0.0112 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				63	mg/kg		58.779	mg/kg	0.00588 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				17	mg/kg		15.861	mg/kg	0.00159 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				70	mg/kg		65.31	mg/kg	0.00653 %	✓	
			205-883-8	191-24-2									
										Total:	0.364 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP196

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

Sample details

Sample name:
TP196
Sample Depth:
0.00-0.10 m
Moisture content:
7.2%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 7.2% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		5.3	pH		5.3	pH	5.3 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		66	mg/kg	1.32	80.867	mg/kg	0.00809 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	3.3	mg/kg	1.285	3.936	mg/kg	0.000306 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		40	mg/kg	1.462	54.253	mg/kg	0.00543 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		400	mg/kg	1.126	417.93	mg/kg	0.0418 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	560	mg/kg		519.68	mg/kg	0.052 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.4	mg/kg	1.353	1.758	mg/kg	0.000176 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		49	mg/kg	1.579	71.823	mg/kg	0.00718 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		440	mg/kg	1.245	508.242	mg/kg	0.0508 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
13	acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
14	acenaphthene		201-469-6	83-32-9		9.7	mg/kg		9.002	mg/kg	0.0009 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				4.9	mg/kg		4.547	mg/kg	0.000455 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				62	mg/kg		57.536	mg/kg	0.00575 %	✓	
			201-581-5	85-01-8									
17		anthracene				17	mg/kg		15.776	mg/kg	0.00158 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				100	mg/kg		92.8	mg/kg	0.00928 %	✓	
			205-912-4	206-44-0									
19		pyrene				92	mg/kg		85.376	mg/kg	0.00854 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				45	mg/kg		41.76	mg/kg	0.00418 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				41	mg/kg		38.048	mg/kg	0.0038 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				55	mg/kg		51.04	mg/kg	0.0051 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				15	mg/kg		13.92	mg/kg	0.00139 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				39	mg/kg		36.192	mg/kg	0.00362 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				20	mg/kg		18.56	mg/kg	0.00186 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				5.7	mg/kg		5.29	mg/kg	0.000529 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				21	mg/kg		19.488	mg/kg	0.00195 %	✓	
			205-883-8	191-24-2									
										Total:	0.215 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP197

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

Sample details

Sample name:
TP197
Sample Depth:
0.00-0.10 m
Moisture content:
6.1%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 6.1% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		5.7	pH		5.7	pH	5.7 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		57	mg/kg	1.32	70.668	mg/kg	0.00707 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	3.3	mg/kg	1.285	3.983	mg/kg	0.00031 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		240	mg/kg	1.462	329.376	mg/kg	0.0329 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		220	mg/kg	1.126	232.586	mg/kg	0.0233 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1100	mg/kg		1032.9	mg/kg	0.103 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		2.7	mg/kg	1.353	3.431	mg/kg	0.000343 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		30	mg/kg	1.579	44.495	mg/kg	0.00445 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		350	mg/kg	1.245	409.075	mg/kg	0.0409 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		3.4	mg/kg		3.193	mg/kg	0.000319 %	✓	
13	acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
14	acenaphthene		201-469-6	83-32-9		30	mg/kg		28.17	mg/kg	0.00282 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				18	mg/kg		16.902	mg/kg	0.00169 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				250	mg/kg		234.75	mg/kg	0.0235 %	✓	
			201-581-5	85-01-8									
17		anthracene				59	mg/kg		55.401	mg/kg	0.00554 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				360	mg/kg		338.04	mg/kg	0.0338 %	✓	
			205-912-4	206-44-0									
19		pyrene				330	mg/kg		309.87	mg/kg	0.031 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				130	mg/kg		122.07	mg/kg	0.0122 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				120	mg/kg		112.68	mg/kg	0.0113 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				140	mg/kg		131.46	mg/kg	0.0131 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				54	mg/kg		50.706	mg/kg	0.00507 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				120	mg/kg		112.68	mg/kg	0.0113 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				56	mg/kg		52.584	mg/kg	0.00526 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				16	mg/kg		15.024	mg/kg	0.0015 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				61	mg/kg		57.279	mg/kg	0.00573 %	✓	
			205-883-8	191-24-2									
28		TPH (C6 to C40) petroleum group				860.9	mg/kg		808.385	mg/kg	0.0808 %	✓	
				TPH									
29		benzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
30		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
31		ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
32		xylene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
										Total:	0.458 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The absence of a free draining liquid and the relatively low concentrations of short-chain hydrocarbons reported indicates that this hazard property is not applicable to this waste.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0808%)

Classification of sample: TP198

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

Sample details

Sample name:
TP198
Sample Depth:
0.00-0.10 m
Moisture content:
5.3%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 5.3% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		5.9	pH		5.9	pH	5.9 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		71	mg/kg	1.32	88.775	mg/kg	0.00888 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		27	mg/kg	1.462	37.371	mg/kg	0.00374 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		260	mg/kg	1.126	277.216	mg/kg	0.0277 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	590	mg/kg		558.73	mg/kg	0.0559 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1	mg/kg	1.353	1.282	mg/kg	0.000128 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		38	mg/kg	1.579	56.84	mg/kg	0.00568 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		340	mg/kg	1.245	400.773	mg/kg	0.0401 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		6.2	mg/kg		5.871	mg/kg	0.000587 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.75	mg/kg		0.71	mg/kg	0.000071 %	✓	
14	acenaphthene		201-469-6	83-32-9		45	mg/kg		42.615	mg/kg	0.00426 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				27	mg/kg		25.569	mg/kg	0.00256 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				300	mg/kg		284.1	mg/kg	0.0284 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				78	mg/kg		73.866	mg/kg	0.00739 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				410	mg/kg		388.27	mg/kg	0.0388 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				380	mg/kg		359.86	mg/kg	0.036 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				160	mg/kg		151.52	mg/kg	0.0152 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				140	mg/kg		132.58	mg/kg	0.0133 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				170	mg/kg		160.99	mg/kg	0.0161 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				54	mg/kg		51.138	mg/kg	0.00511 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				130	mg/kg		123.11	mg/kg	0.0123 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				64	mg/kg		60.608	mg/kg	0.00606 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				16	mg/kg		15.152	mg/kg	0.00152 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				70	mg/kg		66.29	mg/kg	0.00663 %	✓	
			205-883-8	191-24-2									
										Total:	0.337 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP202

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

Sample details

Sample name:
TP202
Sample Depth:
0.00-0.10 m
Moisture content:
8%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 8% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		5.8	pH		5.8	pH	5.8 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		48	mg/kg	1.32	58.306	mg/kg	0.00583 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	3.2	mg/kg	1.285	3.784	mg/kg	0.000294 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		170	mg/kg	1.462	228.587	mg/kg	0.0229 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		270	mg/kg	1.126	279.671	mg/kg	0.028 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	670	mg/kg		616.4	mg/kg	0.0616 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.4	mg/kg	1.353	1.743	mg/kg	0.000174 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		34	mg/kg	1.579	49.407	mg/kg	0.00494 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		490	mg/kg	1.245	561.117	mg/kg	0.0561 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		2.4	mg/kg		2.208	mg/kg	0.000221 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.73	mg/kg		0.672	mg/kg	0.0000672 %	✓	
14	acenaphthene		201-469-6	83-32-9		26	mg/kg		23.92	mg/kg	0.00239 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				14	mg/kg		12.88	mg/kg	0.00129 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				200	mg/kg		184	mg/kg	0.0184 %	✓	
			201-581-5	85-01-8									
17		anthracene				51	mg/kg		46.92	mg/kg	0.00469 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				320	mg/kg		294.4	mg/kg	0.0294 %	✓	
			205-912-4	206-44-0									
19		pyrene				300	mg/kg		276	mg/kg	0.0276 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				140	mg/kg		128.8	mg/kg	0.0129 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				120	mg/kg		110.4	mg/kg	0.011 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				160	mg/kg		147.2	mg/kg	0.0147 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				50	mg/kg		46	mg/kg	0.0046 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				120	mg/kg		110.4	mg/kg	0.011 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				59	mg/kg		54.28	mg/kg	0.00543 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				17	mg/kg		15.64	mg/kg	0.00156 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				64	mg/kg		58.88	mg/kg	0.00589 %	✓	
			205-883-8	191-24-2									
										Total:	0.331 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP203

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

Sample details

Sample name:
TP203
Sample Depth:
0.00-0.10 m
Moisture content:
10%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 10% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		5.5	pH		5.5	pH	5.5 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		47	mg/kg	1.32	55.85	mg/kg	0.00558 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22	mg/kg	1.462	28.939	mg/kg	0.00289 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		210	mg/kg	1.126	212.793	mg/kg	0.0213 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	660	mg/kg		594	mg/kg	0.0594 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		4.2	mg/kg	1.353	5.116	mg/kg	0.000512 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		28	mg/kg	1.579	39.803	mg/kg	0.00398 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		340	mg/kg	1.245	380.882	mg/kg	0.0381 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
13		acenaphthylene		205-917-1	208-96-8		0.51	mg/kg		0.459	mg/kg	0.0000459 %	✓	
14		acenaphthene		201-469-6	83-32-9		14	mg/kg		12.6	mg/kg	0.00126 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				7.3	mg/kg		6.57	mg/kg	0.000657 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				110	mg/kg		99	mg/kg	0.0099 %	✓	
			201-581-5	85-01-8									
17		anthracene				25	mg/kg		22.5	mg/kg	0.00225 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				200	mg/kg		180	mg/kg	0.018 %	✓	
			205-912-4	206-44-0									
19		pyrene				190	mg/kg		171	mg/kg	0.0171 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				84	mg/kg		75.6	mg/kg	0.00756 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				80	mg/kg		72	mg/kg	0.0072 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				100	mg/kg		90	mg/kg	0.009 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				35	mg/kg		31.5	mg/kg	0.00315 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				79	mg/kg		71.1	mg/kg	0.00711 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				36	mg/kg		32.4	mg/kg	0.00324 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				11	mg/kg		9.9	mg/kg	0.00099 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				40	mg/kg		36	mg/kg	0.0036 %	✓	
			205-883-8	191-24-2									
										Total:	0.223 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP204

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

Sample details

Sample name:
TP204
Sample Depth:
0.00-0.10 m
Moisture content:
6.8%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 6.8% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6	pH		6	pH	6pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		47	mg/kg	1.32	57.836	mg/kg	0.00578 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	7.3	mg/kg	1.285	8.744	mg/kg	0.00068 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		990	mg/kg	1.462	1348.548	mg/kg	0.135 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		300	mg/kg	1.126	314.798	mg/kg	0.0315 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	670	mg/kg		624.44	mg/kg	0.0624 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.8	mg/kg	1.353	2.271	mg/kg	0.000227 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		33	mg/kg	1.579	48.579	mg/kg	0.00486 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		650	mg/kg	1.245	754.048	mg/kg	0.0754 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		4	mg/kg		3.728	mg/kg	0.000373 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1.6	mg/kg		1.491	mg/kg	0.000149 %	✓	
14	acenaphthene		201-469-6	83-32-9		44	mg/kg		41.008	mg/kg	0.0041 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				25	mg/kg		23.3	mg/kg	0.00233 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				310	mg/kg		288.92	mg/kg	0.0289 %	✓	
			201-581-5	85-01-8									
17		anthracene				83	mg/kg		77.356	mg/kg	0.00774 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				520	mg/kg		484.64	mg/kg	0.0485 %	✓	
			205-912-4	206-44-0									
19		pyrene				480	mg/kg		447.36	mg/kg	0.0447 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				220	mg/kg		205.04	mg/kg	0.0205 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				190	mg/kg		177.08	mg/kg	0.0177 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				240	mg/kg		223.68	mg/kg	0.0224 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				85	mg/kg		79.22	mg/kg	0.00792 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				190	mg/kg		177.08	mg/kg	0.0177 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				96	mg/kg		89.472	mg/kg	0.00895 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				25	mg/kg		23.3	mg/kg	0.00233 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				100	mg/kg		93.2	mg/kg	0.00932 %	✓	
			205-883-8	191-24-2									
										Total:	0.56 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP205

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

Sample details

Sample name:
TP205
Sample Depth:
0.00-0.10 m
Moisture content:
8%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 8% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.3	pH		6.3	pH	6.3 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		58	mg/kg	1.32	70.453	mg/kg	0.00705 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	3.1	mg/kg	1.285	3.666	mg/kg	0.000285 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		43	mg/kg	1.462	57.819	mg/kg	0.00578 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		280	mg/kg	1.126	290.029	mg/kg	0.029 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	710	mg/kg		653.2	mg/kg	0.0653 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.2	mg/kg	1.353	1.494	mg/kg	0.000149 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		41	mg/kg	1.579	59.579	mg/kg	0.00596 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		550	mg/kg	1.245	629.825	mg/kg	0.063 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
13	acenaphthylene		205-917-1	208-96-8		1.1	mg/kg		1.012	mg/kg	0.000101 %	✓	
14	acenaphthene		201-469-6	83-32-9		28	mg/kg		25.76	mg/kg	0.00258 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				17	mg/kg		15.64	mg/kg	0.00156 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				200	mg/kg		184	mg/kg	0.0184 %	✓	
			201-581-5	85-01-8									
17		anthracene				53	mg/kg		48.76	mg/kg	0.00488 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				340	mg/kg		312.8	mg/kg	0.0313 %	✓	
			205-912-4	206-44-0									
19		pyrene				310	mg/kg		285.2	mg/kg	0.0285 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				140	mg/kg		128.8	mg/kg	0.0129 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				130	mg/kg		119.6	mg/kg	0.012 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				170	mg/kg		156.4	mg/kg	0.0156 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				52	mg/kg		47.84	mg/kg	0.00478 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				130	mg/kg		119.6	mg/kg	0.012 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				62	mg/kg		57.04	mg/kg	0.0057 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				16	mg/kg		14.72	mg/kg	0.00147 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				67	mg/kg		61.64	mg/kg	0.00616 %	✓	
			205-883-8	191-24-2									
										Total:	0.335 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP206

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

Sample details

Sample name:
TP206
Sample Depth:
0.00-0.10 m
Moisture content:
9.6%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 9.6% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.7	pH		7.7	pH	7.7 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		37	mg/kg	1.32	44.162	mg/kg	0.00442 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.9	mg/kg	1.285	3.369	mg/kg	0.000262 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		32	mg/kg	1.462	42.28	mg/kg	0.00423 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		200	mg/kg	1.126	203.561	mg/kg	0.0204 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	370	mg/kg		334.48	mg/kg	0.0334 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.8	mg/kg	1.353	0.979	mg/kg	0.0000979 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		29	mg/kg	1.579	41.408	mg/kg	0.00414 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		510	mg/kg	1.245	573.863	mg/kg	0.0574 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		1.8	mg/kg		1.627	mg/kg	0.000163 %	✓	
13	acenaphthylene		205-917-1	208-96-8		2	mg/kg		1.808	mg/kg	0.000181 %	✓	
14	acenaphthene		201-469-6	83-32-9		13	mg/kg		11.752	mg/kg	0.00118 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				6.6	mg/kg		5.966	mg/kg	0.000597 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				130	mg/kg		117.52	mg/kg	0.0118 %	✓	
			201-581-5	85-01-8									
17		anthracene				35	mg/kg		31.64	mg/kg	0.00316 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				410	mg/kg		370.64	mg/kg	0.0371 %	✓	
			205-912-4	206-44-0									
19		pyrene				380	mg/kg		343.52	mg/kg	0.0344 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				190	mg/kg		171.76	mg/kg	0.0172 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				170	mg/kg		153.68	mg/kg	0.0154 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				230	mg/kg		207.92	mg/kg	0.0208 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				84	mg/kg		75.936	mg/kg	0.00759 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				180	mg/kg		162.72	mg/kg	0.0163 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				94	mg/kg		84.976	mg/kg	0.0085 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				29	mg/kg		26.216	mg/kg	0.00262 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				100	mg/kg		90.4	mg/kg	0.00904 %	✓	
			205-883-8	191-24-2									
										Total:	0.311 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP207

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

Sample details

Sample name:
TP207
Sample Depth:
0.00-0.10 m
Moisture content:
15%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 15% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		7	pH		7	pH	7pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		28	mg/kg	1.32	31.424	mg/kg	0.00314 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	1.3	mg/kg	1.285	1.42	mg/kg	0.000111 %	✓	
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19	mg/kg	1.462	23.604	mg/kg	0.00236 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		130	mg/kg	1.126	124.411	mg/kg	0.0124 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	360	mg/kg		306	mg/kg	0.0306 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.5	mg/kg	1.353	0.575	mg/kg	0.0000575 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		24	mg/kg	1.579	32.222	mg/kg	0.00322 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		280	mg/kg	1.245	296.242	mg/kg	0.0296 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		1.4	mg/kg		1.19	mg/kg	0.000119 %	✓	
13		acenaphthylene		205-917-1	208-96-8		0.69	mg/kg		0.587	mg/kg	0.0000587 %	✓	
14		acenaphthene		201-469-6	83-32-9		6.6	mg/kg		5.61	mg/kg	0.000561 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				3.6	mg/kg		3.06	mg/kg	0.000306 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				62	mg/kg		52.7	mg/kg	0.00527 %	✓	
			201-581-5	85-01-8									
17		anthracene				16	mg/kg		13.6	mg/kg	0.00136 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				230	mg/kg		195.5	mg/kg	0.0196 %	✓	
			205-912-4	206-44-0									
19		pyrene				220	mg/kg		187	mg/kg	0.0187 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				120	mg/kg		102	mg/kg	0.0102 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				110	mg/kg		93.5	mg/kg	0.00935 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				160	mg/kg		136	mg/kg	0.0136 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				64	mg/kg		54.4	mg/kg	0.00544 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				130	mg/kg		110.5	mg/kg	0.0111 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				67	mg/kg		56.95	mg/kg	0.0057 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				18	mg/kg		15.3	mg/kg	0.00153 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				73	mg/kg		62.05	mg/kg	0.0062 %	✓	
			205-883-8	191-24-2									
										Total:	0.191 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP208

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

Sample details

Sample name:
TP208
Sample Depth:
0.00-0.10 m
Moisture content:
17%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		7.6	pH		7.6	pH	7.6 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		39	mg/kg	1.32	42.739	mg/kg	0.00427 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	1.9	mg/kg	1.285	2.027	mg/kg	0.000158 %	✓	
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25	mg/kg	1.462	30.327	mg/kg	0.00303 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		190	mg/kg	1.126	177.553	mg/kg	0.0178 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	440	mg/kg		365.2	mg/kg	0.0365 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1	mg/kg	1.353	1.123	mg/kg	0.000112 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		27	mg/kg	1.579	35.397	mg/kg	0.00354 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		370	mg/kg	1.245	382.252	mg/kg	0.0382 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
13		acenaphthylene		205-917-1	208-96-8		0.62	mg/kg		0.515	mg/kg	0.0000515 %	✓	
14		acenaphthene		201-469-6	83-32-9		5.2	mg/kg		4.316	mg/kg	0.000432 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				2.6	mg/kg		2.158	mg/kg	0.000216 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				47	mg/kg		39.01	mg/kg	0.0039 %	✓	
			201-581-5	85-01-8									
17		anthracene				11	mg/kg		9.13	mg/kg	0.000913 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				140	mg/kg		116.2	mg/kg	0.0116 %	✓	
			205-912-4	206-44-0									
19		pyrene				130	mg/kg		107.9	mg/kg	0.0108 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				73	mg/kg		60.59	mg/kg	0.00606 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				69	mg/kg		57.27	mg/kg	0.00573 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				97	mg/kg		80.51	mg/kg	0.00805 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				39	mg/kg		32.37	mg/kg	0.00324 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				82	mg/kg		68.06	mg/kg	0.00681 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				38	mg/kg		31.54	mg/kg	0.00315 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				9.8	mg/kg		8.134	mg/kg	0.000813 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				43	mg/kg		35.69	mg/kg	0.00357 %	✓	
			205-883-8	191-24-2									
										Total:	0.169 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP209

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

Sample details

Sample name:
TP209
Sample Depth:
0.00-0.10 m
Moisture content:
12%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.119%)

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.: 0.119%)

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.6 pH		7.6 pH	7.6 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		54 mg/kg	1.32	62.742 mg/kg	0.00627 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.3 mg/kg	1.285	2.601 mg/kg	0.000202 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		35 mg/kg	1.462	45.016 mg/kg	0.0045 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		270 mg/kg	1.126	267.511 mg/kg	0.0268 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	520 mg/kg		457.6 mg/kg	0.0458 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1	mg/kg	1.353	1.191	mg/kg	0.000119 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		36	mg/kg	1.579	50.039	mg/kg	0.005 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		570	mg/kg	1.245	624.349	mg/kg	0.0624 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
13		acenaphthylene		205-917-1	208-96-8		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
14		acenaphthene		201-469-6	83-32-9		16	mg/kg		14.08	mg/kg	0.00141 %	✓	
15		fluorene		201-695-5	86-73-7		8	mg/kg		7.04	mg/kg	0.000704 %	✓	
16		phenanthrene		201-581-5	85-01-8		130	mg/kg		114.4	mg/kg	0.0114 %	✓	
17		anthracene		204-371-1	120-12-7		32	mg/kg		28.16	mg/kg	0.00282 %	✓	
18		fluoranthene		205-912-4	206-44-0		260	mg/kg		228.8	mg/kg	0.0229 %	✓	
19		pyrene		204-927-3	129-00-0		230	mg/kg		202.4	mg/kg	0.0202 %	✓	
20		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		110	mg/kg		96.8	mg/kg	0.00968 %	✓	
21		chrysene	601-048-00-0	205-923-4	218-01-9		95	mg/kg		83.6	mg/kg	0.00836 %	✓	
22		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		120	mg/kg		105.6	mg/kg	0.0106 %	✓	
23		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		49	mg/kg		43.12	mg/kg	0.00431 %	✓	
24		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		96	mg/kg		84.48	mg/kg	0.00845 %	✓	
25		indeno[123-cd]pyrene		205-893-2	193-39-5		45	mg/kg		39.6	mg/kg	0.00396 %	✓	
26		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		12	mg/kg		10.56	mg/kg	0.00106 %	✓	
27		benzo[ghi]perylene		205-883-8	191-24-2		49	mg/kg		43.12	mg/kg	0.00431 %	✓	
28		TPH (C6 to C40) petroleum group			TPH		1346.9	mg/kg		1185.272	mg/kg	0.119 %	✓	
29		benzene	601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
31		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
32		xylene	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]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
											Total:	0.38 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The absence of a free draining liquid and the relatively low concentrations of short-chain hydrocarbons reported indicates that this hazard property is not applicable to this waste.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.119%)

Classification of sample: TP210

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

Sample details

Sample name:
TP210
Sample Depth:
0.00-0.10 m
Moisture content:
15%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 15% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.7 pH		6.7 pH	6.7 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		40 mg/kg	1.32	44.891 mg/kg	0.00449 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	3.1 mg/kg	1.285	3.387 mg/kg	0.000263 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		31 mg/kg	1.462	38.512 mg/kg	0.00385 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		220 mg/kg	1.126	210.541 mg/kg	0.0211 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	600 mg/kg		510 mg/kg	0.051 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.7 mg/kg	1.353	1.956 mg/kg	0.000196 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		30 mg/kg	1.579	40.277 mg/kg	0.00403 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		560 mg/kg	1.245	592.484 mg/kg	0.0592 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		2.6 mg/kg		2.21 mg/kg	0.000221 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1.3 mg/kg		1.105 mg/kg	0.000111 %	✓	
14	acenaphthene		201-469-6	83-32-9		27 mg/kg		22.95 mg/kg	0.00229 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				13	mg/kg		11.05	mg/kg	0.00111 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				190	mg/kg		161.5	mg/kg	0.0162 %	✓	
			201-581-5	85-01-8									
17		anthracene				48	mg/kg		40.8	mg/kg	0.00408 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				460	mg/kg		391	mg/kg	0.0391 %	✓	
			205-912-4	206-44-0									
19		pyrene				410	mg/kg		348.5	mg/kg	0.0349 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				210	mg/kg		178.5	mg/kg	0.0179 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				200	mg/kg		170	mg/kg	0.017 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				240	mg/kg		204	mg/kg	0.0204 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				100	mg/kg		85	mg/kg	0.0085 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				200	mg/kg		170	mg/kg	0.017 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				100	mg/kg		85	mg/kg	0.0085 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				27	mg/kg		22.95	mg/kg	0.00229 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				110	mg/kg		93.5	mg/kg	0.00935 %	✓	
			205-883-8	191-24-2									
										Total:	0.343 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP211

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

Sample details

Sample name:
TP211
Sample Depth:
0.00-0.10 m
Moisture content:
10%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 10% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6	pH		6	pH	6pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		56	mg/kg	1.32	66.544	mg/kg	0.00665 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	5.2	mg/kg	1.285	6.015	mg/kg	0.000468 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		92	mg/kg	1.462	121.017	mg/kg	0.0121 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		220	mg/kg	1.126	222.926	mg/kg	0.0223 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	630	mg/kg		567	mg/kg	0.0567 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.5	mg/kg	1.353	1.827	mg/kg	0.000183 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		40	mg/kg	1.579	56.862	mg/kg	0.00569 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		710	mg/kg	1.245	795.372	mg/kg	0.0795 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
13	acenaphthylene		205-917-1	208-96-8		0.9	mg/kg		0.81	mg/kg	0.000081 %	✓	
14	acenaphthene		201-469-6	83-32-9		13	mg/kg		11.7	mg/kg	0.00117 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				6.4	mg/kg		5.76	mg/kg	0.000576 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				93	mg/kg		83.7	mg/kg	0.00837 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				22	mg/kg		19.8	mg/kg	0.00198 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				220	mg/kg		198	mg/kg	0.0198 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				200	mg/kg		180	mg/kg	0.018 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				100	mg/kg		90	mg/kg	0.009 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				95	mg/kg		85.5	mg/kg	0.00855 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				130	mg/kg		117	mg/kg	0.0117 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				42	mg/kg		37.8	mg/kg	0.00378 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				98	mg/kg		88.2	mg/kg	0.00882 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				48	mg/kg		43.2	mg/kg	0.00432 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				12	mg/kg		10.8	mg/kg	0.00108 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				53	mg/kg		47.7	mg/kg	0.00477 %	✓	
			205-883-8	191-24-2									
										Total:	0.286 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP212

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

Sample details

Sample name:
TP212
Sample Depth:
0.00-0.10 m
Moisture content:
13%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.6	pH		6.6	pH	6.6 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		92	mg/kg	1.32	105.679	mg/kg	0.0106 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		38	mg/kg	1.462	48.319	mg/kg	0.00483 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		280	mg/kg	1.126	274.266	mg/kg	0.0274 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	540	mg/kg		469.8	mg/kg	0.047 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.1	mg/kg	1.353	1.295	mg/kg	0.00013 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		48	mg/kg	1.579	65.96	mg/kg	0.0066 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		670	mg/kg	1.245	725.544	mg/kg	0.0726 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
13	acenaphthylene		205-917-1	208-96-8		0.39	mg/kg		0.339	mg/kg	0.0000339 %	✓	
14	acenaphthene		201-469-6	83-32-9		3.4	mg/kg		2.958	mg/kg	0.000296 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				2	mg/kg		1.74	mg/kg	0.000174 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				26	mg/kg		22.62	mg/kg	0.00226 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				5.7	mg/kg		4.959	mg/kg	0.000496 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				54	mg/kg		46.98	mg/kg	0.0047 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				49	mg/kg		42.63	mg/kg	0.00426 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				25	mg/kg		21.75	mg/kg	0.00217 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				23	mg/kg		20.01	mg/kg	0.002 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				35	mg/kg		30.45	mg/kg	0.00305 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				12	mg/kg		10.44	mg/kg	0.00104 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				27	mg/kg		23.49	mg/kg	0.00235 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				13	mg/kg		11.31	mg/kg	0.00113 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				3.4	mg/kg		2.958	mg/kg	0.000296 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				14	mg/kg		12.18	mg/kg	0.00122 %	✓	
			205-883-8	191-24-2									
										Total:	0.195 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP214

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

Sample details

Sample name:
TP214
Sample Depth:
0.00-0.10 m
Moisture content:
9.7%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 9.7% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.6 pH		6.6 pH	6.6 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		52 mg/kg	1.32	61.997 mg/kg	0.0062 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	6.7 mg/kg	1.285	7.776 mg/kg	0.000605 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		52 mg/kg	1.462	68.629 mg/kg	0.00686 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		320 mg/kg	1.126	325.337 mg/kg	0.0325 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	690 mg/kg		623.07 mg/kg	0.0623 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.4 mg/kg	1.353	1.711 mg/kg	0.000171 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		45 mg/kg	1.579	64.183 mg/kg	0.00642 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		870 mg/kg	1.245	977.86 mg/kg	0.0978 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
13	acenaphthylene		205-917-1	208-96-8		1.7 mg/kg		1.535 mg/kg	0.000154 %	✓	
14	acenaphthene		201-469-6	83-32-9		22 mg/kg		19.866 mg/kg	0.00199 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				11	mg/kg		9.933	mg/kg	0.000993 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				170	mg/kg		153.51	mg/kg	0.0154 %	✓	
			201-581-5	85-01-8									
17		anthracene				49	mg/kg		44.247	mg/kg	0.00442 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				310	mg/kg		279.93	mg/kg	0.028 %	✓	
			205-912-4	206-44-0									
19		pyrene				280	mg/kg		252.84	mg/kg	0.0253 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				130	mg/kg		117.39	mg/kg	0.0117 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				140	mg/kg		126.42	mg/kg	0.0126 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				120	mg/kg		108.36	mg/kg	0.0108 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				54	mg/kg		48.762	mg/kg	0.00488 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				89	mg/kg		80.367	mg/kg	0.00804 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				45	mg/kg		40.635	mg/kg	0.00406 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				12	mg/kg		10.836	mg/kg	0.00108 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				51	mg/kg		46.053	mg/kg	0.00461 %	✓	
			205-883-8	191-24-2									
										Total:	0.347 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP215

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

Sample details

Sample name:
TP215
Sample Depth:
0.00-0.10 m
Moisture content:
11%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.4 pH		6.4 pH	6.4 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		56 mg/kg	1.32	65.805 mg/kg	0.00658 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	3.6 mg/kg	1.285	4.118 mg/kg	0.00032 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		90 mg/kg	1.462	117.071 mg/kg	0.0117 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		270 mg/kg	1.126	270.551 mg/kg	0.0271 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	820 mg/kg		729.8 mg/kg	0.073 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.3 mg/kg	1.353	1.566 mg/kg	0.000157 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		38 mg/kg	1.579	53.419 mg/kg	0.00534 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		600 mg/kg	1.245	664.677 mg/kg	0.0665 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		6.1 mg/kg		5.429 mg/kg	0.000543 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1.5 mg/kg		1.335 mg/kg	0.000133 %	✓	
14	acenaphthene		201-469-6	83-32-9		39 mg/kg		34.71 mg/kg	0.00347 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				22	mg/kg		19.58	mg/kg	0.00196 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				280	mg/kg		249.2	mg/kg	0.0249 %	✓	
			201-581-5	85-01-8									
17		anthracene				74	mg/kg		65.86	mg/kg	0.00659 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				550	mg/kg		489.5	mg/kg	0.049 %	✓	
			205-912-4	206-44-0									
19		pyrene				490	mg/kg		436.1	mg/kg	0.0436 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				250	mg/kg		222.5	mg/kg	0.0222 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				220	mg/kg		195.8	mg/kg	0.0196 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				290	mg/kg		258.1	mg/kg	0.0258 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				97	mg/kg		86.33	mg/kg	0.00863 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				220	mg/kg		195.8	mg/kg	0.0196 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				110	mg/kg		97.9	mg/kg	0.00979 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				30	mg/kg		26.7	mg/kg	0.00267 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				110	mg/kg		97.9	mg/kg	0.00979 %	✓	
			205-883-8	191-24-2									
										Total:	0.439 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP216

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

Sample details

Sample name:
TP216
Sample Depth:
0.00-0.10 m
Moisture content:
9.9%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 9.9% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.6 pH		6.6 pH	6.6 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		50 mg/kg	1.32	59.481 mg/kg	0.00595 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.5 mg/kg	1.285	2.895 mg/kg	0.000225 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		120 mg/kg	1.462	158.023 mg/kg	0.0158 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		230 mg/kg	1.126	233.318 mg/kg	0.0233 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	580 mg/kg		522.58 mg/kg	0.0523 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.8 mg/kg	1.353	0.976 mg/kg	0.0000976 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		39 mg/kg	1.579	55.502 mg/kg	0.00555 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		510 mg/kg	1.245	571.959 mg/kg	0.0572 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		3.5 mg/kg		3.153 mg/kg	0.000315 %	✓	
13	acenaphthylene		205-917-1	208-96-8		2 mg/kg		1.802 mg/kg	0.00018 %	✓	
14	acenaphthene		201-469-6	83-32-9		25 mg/kg		22.525 mg/kg	0.00225 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				14	mg/kg		12.614	mg/kg	0.00126 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				170	mg/kg		153.17	mg/kg	0.0153 %	✓	
			201-581-5	85-01-8									
17		anthracene				43	mg/kg		38.743	mg/kg	0.00387 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				280	mg/kg		252.28	mg/kg	0.0252 %	✓	
			205-912-4	206-44-0									
19		pyrene				250	mg/kg		225.25	mg/kg	0.0225 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				140	mg/kg		126.14	mg/kg	0.0126 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				140	mg/kg		126.14	mg/kg	0.0126 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				160	mg/kg		144.16	mg/kg	0.0144 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				55	mg/kg		49.555	mg/kg	0.00496 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				130	mg/kg		117.13	mg/kg	0.0117 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				72	mg/kg		64.872	mg/kg	0.00649 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				22	mg/kg		19.822	mg/kg	0.00198 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				82	mg/kg		73.882	mg/kg	0.00739 %	✓	
			205-883-8	191-24-2									
										Total:	0.304 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP217

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

Sample details

Sample name:
TP217
Sample Depth:
0.00-0.10 m
Moisture content:
9.6%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 9.6% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.8 pH		6.8 pH	6.8 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		42 mg/kg	1.32	50.13 mg/kg	0.00501 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	4.2 mg/kg	1.285	4.88 mg/kg	0.00038 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		150 mg/kg	1.462	198.187 mg/kg	0.0198 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		400 mg/kg	1.126	407.121 mg/kg	0.0407 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	820 mg/kg		741.28 mg/kg	0.0741 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.7 mg/kg	1.353	2.08 mg/kg	0.000208 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		33 mg/kg	1.579	47.12 mg/kg	0.00471 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		660 mg/kg	1.245	742.646 mg/kg	0.0743 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		2.5 mg/kg		2.26 mg/kg	0.000226 %	✓	
13	acenaphthylene		205-917-1	208-96-8		2.7 mg/kg		2.441 mg/kg	0.000244 %	✓	
14	acenaphthene		201-469-6	83-32-9		22 mg/kg		19.888 mg/kg	0.00199 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				12	mg/kg		10.848	mg/kg	0.00108 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				200	mg/kg		180.8	mg/kg	0.0181 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				48	mg/kg		43.392	mg/kg	0.00434 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				380	mg/kg		343.52	mg/kg	0.0344 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				340	mg/kg		307.36	mg/kg	0.0307 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				170	mg/kg		153.68	mg/kg	0.0154 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				170	mg/kg		153.68	mg/kg	0.0154 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				180	mg/kg		162.72	mg/kg	0.0163 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				87	mg/kg		78.648	mg/kg	0.00786 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				150	mg/kg		135.6	mg/kg	0.0136 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				89	mg/kg		80.456	mg/kg	0.00805 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				25	mg/kg		22.6	mg/kg	0.00226 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				100	mg/kg		90.4	mg/kg	0.00904 %	✓	
			205-883-8	191-24-2									
										Total:	0.398 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP218

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

Sample details

Sample name:
TP218
Sample Depth:
0.00-0.10 m
Moisture content:
14%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.4 pH		6.4 pH	6.4 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		37 mg/kg	1.32	42.013 mg/kg	0.0042 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.8 mg/kg	1.285	3.095 mg/kg	0.000241 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		31 mg/kg	1.462	38.965 mg/kg	0.0039 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		260 mg/kg	1.126	251.749 mg/kg	0.0252 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	520 mg/kg		447.2 mg/kg	0.0447 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.4 mg/kg	1.353	1.63 mg/kg	0.000163 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		33 mg/kg	1.579	44.826 mg/kg	0.00448 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		500 mg/kg	1.245	535.227 mg/kg	0.0535 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		1.9 mg/kg		1.634 mg/kg	0.000163 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1 mg/kg		0.86 mg/kg	0.000086 %	✓	
14	acenaphthene		201-469-6	83-32-9		9.1 mg/kg		7.826 mg/kg	0.000783 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				5.3	mg/kg		4.558	mg/kg	0.000456 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				82	mg/kg		70.52	mg/kg	0.00705 %	✓	
			201-581-5	85-01-8									
17		anthracene				20	mg/kg		17.2	mg/kg	0.00172 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				160	mg/kg		137.6	mg/kg	0.0138 %	✓	
			205-912-4	206-44-0									
19		pyrene				150	mg/kg		129	mg/kg	0.0129 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				72	mg/kg		61.92	mg/kg	0.00619 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				74	mg/kg		63.64	mg/kg	0.00636 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				93	mg/kg		79.98	mg/kg	0.008 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				25	mg/kg		21.5	mg/kg	0.00215 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				68	mg/kg		58.48	mg/kg	0.00585 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				41	mg/kg		35.26	mg/kg	0.00353 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				12	mg/kg		10.32	mg/kg	0.00103 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				47	mg/kg		40.42	mg/kg	0.00404 %	✓	
			205-883-8	191-24-2									
										Total:	0.211 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP219

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

Sample details

Sample name:
TP219
Sample Depth:
0.00-0.10 m
Moisture content:
9.5%
(wet weight correction)

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.13%)

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.: 0.13%)

Determinands

Moisture content: 9.5% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6	pH		6	pH	6pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		50	mg/kg	1.32	59.745	mg/kg	0.00597 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.4	mg/kg	1.285	2.792	mg/kg	0.000217 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		35	mg/kg	1.462	46.295	mg/kg	0.00463 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		270	mg/kg	1.126	275.111	mg/kg	0.0275 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	800	mg/kg		724	mg/kg	0.0724 %	✓	

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.1	mg/kg	1.353	1.347	mg/kg	0.000135 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		41	mg/kg	1.579	58.607	mg/kg	0.00586 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		520	mg/kg	1.245	585.762	mg/kg	0.0586 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		1.9	mg/kg		1.719	mg/kg	0.000172 %	✓	
13		acenaphthylene		205-917-1	208-96-8		1.1	mg/kg		0.996	mg/kg	0.0000996 %	✓	
14		acenaphthene		201-469-6	83-32-9		9.9	mg/kg		8.96	mg/kg	0.000896 %	✓	
15		fluorene		201-695-5	86-73-7		5.5	mg/kg		4.978	mg/kg	0.000498 %	✓	
16		phenanthrene		201-581-5	85-01-8		90	mg/kg		81.45	mg/kg	0.00814 %	✓	
17		anthracene		204-371-1	120-12-7		21	mg/kg		19.005	mg/kg	0.0019 %	✓	
18		fluoranthene		205-912-4	206-44-0		220	mg/kg		199.1	mg/kg	0.0199 %	✓	
19		pyrene		204-927-3	129-00-0		200	mg/kg		181	mg/kg	0.0181 %	✓	
20		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		96	mg/kg		86.88	mg/kg	0.00869 %	✓	
21		chrysene	601-048-00-0	205-923-4	218-01-9		100	mg/kg		90.5	mg/kg	0.00905 %	✓	
22		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		97	mg/kg		87.785	mg/kg	0.00878 %	✓	
23		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		36	mg/kg		32.58	mg/kg	0.00326 %	✓	
24		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		88	mg/kg		79.64	mg/kg	0.00796 %	✓	
25		indeno[123-cd]pyrene		205-893-2	193-39-5		56	mg/kg		50.68	mg/kg	0.00507 %	✓	
26		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		17	mg/kg		15.385	mg/kg	0.00154 %	✓	
27		benzo[ghi]perylene		205-883-8	191-24-2		66	mg/kg		59.73	mg/kg	0.00597 %	✓	
28		TPH (C6 to C40) petroleum group			TPH		1439.9	mg/kg		1303.11	mg/kg	0.13 %	✓	
29		benzene	601-020-00-8	200-753-7	71-43-2		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
31		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
32		xylene	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]		<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
											Total:	0.406 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The absence of a free draining liquid and the relatively low concentrations of short-chain hydrocarbons reported indicates that this hazard property is not applicable to this waste.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.13%)

Classification of sample: TP220

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

Sample details

Sample name:
TP220
Sample Depth:
0.00-0.10 m
Moisture content:
11%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.5	pH		6.5	pH	6.5 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		47	mg/kg	1.32	55.229	mg/kg	0.00552 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	4.1	mg/kg	1.285	4.69	mg/kg	0.000365 %	✓	
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		35	mg/kg	1.462	45.527	mg/kg	0.00455 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		380	mg/kg	1.126	380.775	mg/kg	0.0381 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	650	mg/kg		578.5	mg/kg	0.0578 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.6	mg/kg	1.353	1.927	mg/kg	0.000193 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		39	mg/kg	1.579	54.824	mg/kg	0.00548 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		660	mg/kg	1.245	731.145	mg/kg	0.0731 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		3.7	mg/kg		3.293	mg/kg	0.000329 %	✓	
13		acenaphthylene		205-917-1	208-96-8		4.3	mg/kg		3.827	mg/kg	0.000383 %	✓	
14		acenaphthene		201-469-6	83-32-9		21	mg/kg		18.69	mg/kg	0.00187 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				14	mg/kg		12.46	mg/kg	0.00125 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				210	mg/kg		186.9	mg/kg	0.0187 %	✓	
			201-581-5	85-01-8									
17		anthracene				53	mg/kg		47.17	mg/kg	0.00472 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				410	mg/kg		364.9	mg/kg	0.0365 %	✓	
			205-912-4	206-44-0									
19		pyrene				380	mg/kg		338.2	mg/kg	0.0338 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				190	mg/kg		169.1	mg/kg	0.0169 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				200	mg/kg		178	mg/kg	0.0178 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				240	mg/kg		213.6	mg/kg	0.0214 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				71	mg/kg		63.19	mg/kg	0.00632 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				180	mg/kg		160.2	mg/kg	0.016 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				110	mg/kg		97.9	mg/kg	0.00979 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				33	mg/kg		29.37	mg/kg	0.00294 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				130	mg/kg		115.7	mg/kg	0.0116 %	✓	
			205-883-8	191-24-2									
										Total:	0.386 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP224

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

Sample details

Sample name:
TP224
Sample Depth:
0.00-0.10 m
Moisture content:
11%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.7	pH		6.7	pH	6.7 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		68	mg/kg	1.32	79.906	mg/kg	0.00799 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.9	mg/kg	1.285	3.317	mg/kg	0.000258 %	✓	
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		91	mg/kg	1.462	118.371	mg/kg	0.0118 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		280	mg/kg	1.126	280.571	mg/kg	0.0281 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	890	mg/kg		792.1	mg/kg	0.0792 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		2.3	mg/kg	1.353	2.771	mg/kg	0.000277 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		43	mg/kg	1.579	60.447	mg/kg	0.00604 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		580	mg/kg	1.245	642.521	mg/kg	0.0643 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		3.1	mg/kg		2.759	mg/kg	0.000276 %	✓	
13		acenaphthylene		205-917-1	208-96-8		1.4	mg/kg		1.246	mg/kg	0.000125 %	✓	
14		acenaphthene		201-469-6	83-32-9		19	mg/kg		16.91	mg/kg	0.00169 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				11	mg/kg		9.79	mg/kg	0.000979 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				140	mg/kg		124.6	mg/kg	0.0125 %	✓	
			201-581-5	85-01-8									
17		anthracene				37	mg/kg		32.93	mg/kg	0.00329 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				240	mg/kg		213.6	mg/kg	0.0214 %	✓	
			205-912-4	206-44-0									
19		pyrene				220	mg/kg		195.8	mg/kg	0.0196 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				110	mg/kg		97.9	mg/kg	0.00979 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				110	mg/kg		97.9	mg/kg	0.00979 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				120	mg/kg		106.8	mg/kg	0.0107 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				56	mg/kg		49.84	mg/kg	0.00498 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				100	mg/kg		89	mg/kg	0.0089 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				59	mg/kg		52.51	mg/kg	0.00525 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				17	mg/kg		15.13	mg/kg	0.00151 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				69	mg/kg		61.41	mg/kg	0.00614 %	✓	
			205-883-8	191-24-2									
										Total:	0.315 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP225

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

Sample details

Sample name:
TP225
Sample Depth:
0.00-0.10 m
Moisture content:
4.7%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 4.7% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.3	pH		6.3	pH	6.3 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		45	mg/kg	1.32	56.622	mg/kg	0.00566 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	3	mg/kg	1.285	3.675	mg/kg	0.000286 %	✓	
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		45	mg/kg	1.462	62.679	mg/kg	0.00627 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		290	mg/kg	1.126	311.162	mg/kg	0.0311 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1700	mg/kg		1620.1	mg/kg	0.162 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.3	mg/kg	1.353	1.677	mg/kg	0.000168 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		42	mg/kg	1.579	63.221	mg/kg	0.00632 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		560	mg/kg	1.245	664.279	mg/kg	0.0664 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		9.5	mg/kg		9.054	mg/kg	0.000905 %	✓	
13		acenaphthylene		205-917-1	208-96-8		3.2	mg/kg		3.05	mg/kg	0.000305 %	✓	
14		acenaphthene		201-469-6	83-32-9		100	mg/kg		95.3	mg/kg	0.00953 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				54	mg/kg		51.462	mg/kg	0.00515 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				660	mg/kg		628.98	mg/kg	0.0629 %	✓	
			201-581-5	85-01-8									
17		anthracene				180	mg/kg		171.54	mg/kg	0.0172 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				920	mg/kg		876.76	mg/kg	0.0877 %	✓	
			205-912-4	206-44-0									
19		pyrene				760	mg/kg		724.28	mg/kg	0.0724 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				430	mg/kg		409.79	mg/kg	0.041 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				400	mg/kg		381.2	mg/kg	0.0381 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				480	mg/kg		457.44	mg/kg	0.0457 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				150	mg/kg		142.95	mg/kg	0.0143 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				350	mg/kg		333.55	mg/kg	0.0334 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				190	mg/kg		181.07	mg/kg	0.0181 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				58	mg/kg		55.274	mg/kg	0.00553 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				210	mg/kg		200.13	mg/kg	0.02 %	✓	
			205-883-8	191-24-2									
										Total:	0.751 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP226

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

Sample details

Sample name:
TP226
Sample Depth:
0.00-0.10 m
Moisture content:
8.3%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 8.3% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.4	pH		6.4	pH	6.4 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		56	mg/kg	1.32	67.801	mg/kg	0.00678 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	2.9	mg/kg	1.285	3.418	mg/kg	0.000266 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		57	mg/kg	1.462	76.394	mg/kg	0.00764 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		230	mg/kg	1.126	237.461	mg/kg	0.0237 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	800	mg/kg		733.6	mg/kg	0.0734 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.1	mg/kg	1.353	1.365	mg/kg	0.000137 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		41	mg/kg	1.579	59.384	mg/kg	0.00594 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		570	mg/kg	1.245	650.6	mg/kg	0.0651 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		2.1	mg/kg		1.926	mg/kg	0.000193 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1.6	mg/kg		1.467	mg/kg	0.000147 %	✓	
14	acenaphthene		201-469-6	83-32-9		16	mg/kg		14.672	mg/kg	0.00147 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				8.5	mg/kg		7.795	mg/kg	0.000779 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				150	mg/kg		137.55	mg/kg	0.0138 %	✓	
			201-581-5	85-01-8									
17		anthracene				34	mg/kg		31.178	mg/kg	0.00312 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				300	mg/kg		275.1	mg/kg	0.0275 %	✓	
			205-912-4	206-44-0									
19		pyrene				270	mg/kg		247.59	mg/kg	0.0248 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				130	mg/kg		119.21	mg/kg	0.0119 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				130	mg/kg		119.21	mg/kg	0.0119 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				150	mg/kg		137.55	mg/kg	0.0138 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				66	mg/kg		60.522	mg/kg	0.00605 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				120	mg/kg		110.04	mg/kg	0.011 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				72	mg/kg		66.024	mg/kg	0.0066 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				21	mg/kg		19.257	mg/kg	0.00193 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				83	mg/kg		76.111	mg/kg	0.00761 %	✓	
			205-883-8	191-24-2									
										Total:	0.326 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP227

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

Sample details

Sample name:
TP227
Sample Depth:
0.00-0.10 m
Moisture content:
11%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.4	pH		6.4	pH	6.4 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		86	mg/kg	1.32	101.058	mg/kg	0.0101 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		94	mg/kg	1.462	122.274	mg/kg	0.0122 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		560	mg/kg	1.126	561.143	mg/kg	0.0561 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1100	mg/kg		979	mg/kg	0.0979 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.4	mg/kg	1.353	1.686	mg/kg	0.000169 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		58	mg/kg	1.579	81.534	mg/kg	0.00815 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		970	mg/kg	1.245	1074.562	mg/kg	0.107 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		2.5	mg/kg		2.225	mg/kg	0.000223 %	✓	
13		acenaphthylene		205-917-1	208-96-8		1.9	mg/kg		1.691	mg/kg	0.000169 %	✓	
14		acenaphthene		201-469-6	83-32-9		26	mg/kg		23.14	mg/kg	0.00231 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				14	mg/kg		12.46	mg/kg	0.00125 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				200	mg/kg		178	mg/kg	0.0178 %	✓	
			201-581-5	85-01-8									
17		anthracene				50	mg/kg		44.5	mg/kg	0.00445 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				310	mg/kg		275.9	mg/kg	0.0276 %	✓	
			205-912-4	206-44-0									
19		pyrene				260	mg/kg		231.4	mg/kg	0.0231 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				140	mg/kg		124.6	mg/kg	0.0125 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				150	mg/kg		133.5	mg/kg	0.0134 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				160	mg/kg		142.4	mg/kg	0.0142 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				51	mg/kg		45.39	mg/kg	0.00454 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				120	mg/kg		106.8	mg/kg	0.0107 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				67	mg/kg		59.63	mg/kg	0.00596 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				21	mg/kg		18.69	mg/kg	0.00187 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				77	mg/kg		68.53	mg/kg	0.00685 %	✓	
			205-883-8	191-24-2									
28		TPH (C6 to C40) petroleum group				913.1	mg/kg		812.659	mg/kg	0.0813 %	✓	
				TPH									
29		benzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
30		toluene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
31		ethylbenzene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
32		xylene				<0.005	mg/kg		<0.005	mg/kg	<0.0000005 %		<**LOD**
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
										Total:	0.521 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The absence of a free draining liquid and the relatively low concentrations of short-chain hydrocarbons reported indicates that this hazard property is not applicable to this waste.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0813%)

Classification of sample: TP231

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

Sample details

Sample name:
TP231
Sample Depth:
0.00-0.10 m
Moisture content:
9.3%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 9.3% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.2	pH		7.2	pH	7.2 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		59	mg/kg	1.32	70.655	mg/kg	0.00707 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	6.1	mg/kg	1.285	7.111	mg/kg	0.000553 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		40	mg/kg	1.462	53.025	mg/kg	0.0053 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		370	mg/kg	1.126	377.837	mg/kg	0.0378 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	700	mg/kg		634.9	mg/kg	0.0635 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.3	mg/kg	1.353	1.596	mg/kg	0.00016 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		55	mg/kg	1.579	78.793	mg/kg	0.00788 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		780	mg/kg	1.245	880.585	mg/kg	0.0881 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		1.5	mg/kg		1.361	mg/kg	0.000136 %	✓	
13	acenaphthylene		205-917-1	208-96-8		1.3	mg/kg		1.179	mg/kg	0.000118 %	✓	
14	acenaphthene		201-469-6	83-32-9		15	mg/kg		13.605	mg/kg	0.00136 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				8.2	mg/kg		7.437	mg/kg	0.000744 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				110	mg/kg		99.77	mg/kg	0.00998 %	✓	
			201-581-5	85-01-8									
17		anthracene				26	mg/kg		23.582	mg/kg	0.00236 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				180	mg/kg		163.26	mg/kg	0.0163 %	✓	
			205-912-4	206-44-0									
19		pyrene				150	mg/kg		136.05	mg/kg	0.0136 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				72	mg/kg		65.304	mg/kg	0.00653 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				74	mg/kg		67.118	mg/kg	0.00671 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				82	mg/kg		74.374	mg/kg	0.00744 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				27	mg/kg		24.489	mg/kg	0.00245 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				59	mg/kg		53.513	mg/kg	0.00535 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				36	mg/kg		32.652	mg/kg	0.00327 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				11	mg/kg		9.977	mg/kg	0.000998 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				42	mg/kg		38.094	mg/kg	0.00381 %	✓	
			205-883-8	191-24-2									
										Total:	0.292 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP232

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

Sample details

Sample name:
TP232
Sample Depth:
0.00-0.10 m
Moisture content:
14%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.8	pH		6.8	pH	6.8 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		35	mg/kg	1.32	39.742	mg/kg	0.00397 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	3.9	mg/kg	1.285	4.311	mg/kg	0.000335 %	✓	
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		30	mg/kg	1.462	37.708	mg/kg	0.00377 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		140	mg/kg	1.126	135.557	mg/kg	0.0136 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	390	mg/kg		335.4	mg/kg	0.0335 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.8	mg/kg	1.353	0.931	mg/kg	0.0000931 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		33	mg/kg	1.579	44.826	mg/kg	0.00448 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		580	mg/kg	1.245	620.863	mg/kg	0.0621 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		0.34	mg/kg		0.292	mg/kg	0.0000292 %	✓	
13		acenaphthylene		205-917-1	208-96-8		0.31	mg/kg		0.267	mg/kg	0.0000267 %	✓	
14		acenaphthene		201-469-6	83-32-9		3	mg/kg		2.58	mg/kg	0.000258 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				1.7	mg/kg		1.462	mg/kg	0.000146 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				23	mg/kg		19.78	mg/kg	0.00198 %	✓	
			201-581-5	85-01-8									
17		anthracene				5.7	mg/kg		4.902	mg/kg	0.00049 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				50	mg/kg		43	mg/kg	0.0043 %	✓	
			205-912-4	206-44-0									
19		pyrene				45	mg/kg		38.7	mg/kg	0.00387 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				24	mg/kg		20.64	mg/kg	0.00206 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				24	mg/kg		20.64	mg/kg	0.00206 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				32	mg/kg		27.52	mg/kg	0.00275 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				10	mg/kg		8.6	mg/kg	0.00086 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				25	mg/kg		21.5	mg/kg	0.00215 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				14	mg/kg		12.04	mg/kg	0.0012 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				4.1	mg/kg		3.526	mg/kg	0.000353 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				15	mg/kg		12.9	mg/kg	0.00129 %	✓	
			205-883-8	191-24-2									
										Total:	0.146 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP233

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

Sample details

Sample name:
TP233
Sample Depth:
0.00-0.10 m
Moisture content:
14%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.7	pH		7.7	pH	7.7 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19	mg/kg	1.32	21.574	mg/kg	0.00216 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	1.6	mg/kg	1.285	1.769	mg/kg	0.000138 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		31	mg/kg	1.462	38.965	mg/kg	0.0039 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		150	mg/kg	1.126	145.24	mg/kg	0.0145 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	420	mg/kg		361.2	mg/kg	0.0361 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		32	mg/kg	1.579	43.468	mg/kg	0.00435 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		990	mg/kg	1.245	1059.749	mg/kg	0.106 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		0.11	mg/kg		0.0946	mg/kg	0.00000946 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.11	mg/kg		0.0946	mg/kg	0.00000946 %	✓	
14	acenaphthene		201-469-6	83-32-9		0.28	mg/kg		0.241	mg/kg	0.0000241 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				0.21	mg/kg		0.181	mg/kg	0.0000181 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				2.7	mg/kg		2.322	mg/kg	0.000232 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				0.69	mg/kg		0.593	mg/kg	0.0000593 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				6.8	mg/kg		5.848	mg/kg	0.000585 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				6.4	mg/kg		5.504	mg/kg	0.00055 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				3.8	mg/kg		3.268	mg/kg	0.000327 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				3.6	mg/kg		3.096	mg/kg	0.00031 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				5.5	mg/kg		4.73	mg/kg	0.000473 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				1.8	mg/kg		1.548	mg/kg	0.000155 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				4.3	mg/kg		3.698	mg/kg	0.00037 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				2.6	mg/kg		2.236	mg/kg	0.000224 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				0.57	mg/kg		0.49	mg/kg	0.000049 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				3	mg/kg		2.58	mg/kg	0.000258 %	✓	
			205-883-8	191-24-2									
										Total:	0.171 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP234

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

Sample details

Sample name:
TP234
Sample Depth:
0.00-0.10 m
Moisture content:
11%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.2	pH		6.2	pH	6.2 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		44	mg/kg	1.32	51.704	mg/kg	0.00517 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25	mg/kg	1.462	32.52	mg/kg	0.00325 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		150	mg/kg	1.126	150.306	mg/kg	0.015 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	380	mg/kg		338.2	mg/kg	0.0338 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.4	mg/kg	1.353	0.482	mg/kg	0.0000482 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		31	mg/kg	1.579	43.578	mg/kg	0.00436 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		410	mg/kg	1.245	454.196	mg/kg	0.0454 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		0.36	mg/kg		0.32	mg/kg	0.000032 %	✓	
13		acenaphthylene		205-917-1	208-96-8		0.24	mg/kg		0.214	mg/kg	0.0000214 %	✓	
14		acenaphthene		201-469-6	83-32-9		2.6	mg/kg		2.314	mg/kg	0.000231 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				1.6	mg/kg		1.424	mg/kg	0.000142 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				21	mg/kg		18.69	mg/kg	0.00187 %	✓	
			201-581-5	85-01-8									
17		anthracene				4.8	mg/kg		4.272	mg/kg	0.000427 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				35	mg/kg		31.15	mg/kg	0.00311 %	✓	
			205-912-4	206-44-0									
19		pyrene				33	mg/kg		29.37	mg/kg	0.00294 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				16	mg/kg		14.24	mg/kg	0.00142 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				15	mg/kg		13.35	mg/kg	0.00134 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				18	mg/kg		16.02	mg/kg	0.0016 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				7.2	mg/kg		6.408	mg/kg	0.000641 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				15	mg/kg		13.35	mg/kg	0.00134 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				7	mg/kg		6.23	mg/kg	0.000623 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				1.7	mg/kg		1.513	mg/kg	0.000151 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				8	mg/kg		7.12	mg/kg	0.000712 %	✓	
			205-883-8	191-24-2									
										Total:	0.124 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS03

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

Sample details

Sample name:
WS03
Sample Depth:
0.10-0.20 m
Moisture content:
30%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 30% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		5.9	pH		5.9	pH	5.9 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		53	mg/kg	1.32	48.984	mg/kg	0.0049 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		30	mg/kg	1.462	30.693	mg/kg	0.00307 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		170	mg/kg	1.126	133.981	mg/kg	0.0134 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	390	mg/kg		273	mg/kg	0.0273 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<**LOD**
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		29	mg/kg	1.579	32.064	mg/kg	0.00321 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		190	mg/kg	1.245	165.547	mg/kg	0.0166 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		0.27	mg/kg		0.189	mg/kg	0.0000189 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.13	mg/kg		0.091	mg/kg	0.0000091 %	✓	
14	acenaphthene		201-469-6	83-32-9		1	mg/kg		0.7	mg/kg	0.00007 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15	●	fluorene				0.63	mg/kg		0.441	mg/kg	0.0000441 %	✓	
			201-695-5	86-73-7									
16	●	phenanthrene				7.1	mg/kg		4.97	mg/kg	0.000497 %	✓	
			201-581-5	85-01-8									
17	●	anthracene				1.7	mg/kg		1.19	mg/kg	0.000119 %	✓	
			204-371-1	120-12-7									
18	●	fluoranthene				13	mg/kg		9.1	mg/kg	0.00091 %	✓	
			205-912-4	206-44-0									
19	●	pyrene				12	mg/kg		8.4	mg/kg	0.00084 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				7	mg/kg		4.9	mg/kg	0.00049 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				6.3	mg/kg		4.41	mg/kg	0.000441 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				8.9	mg/kg		6.23	mg/kg	0.000623 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				3	mg/kg		2.1	mg/kg	0.00021 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				7.1	mg/kg		4.97	mg/kg	0.000497 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25	●	indeno[123-cd]pyrene				3.6	mg/kg		2.52	mg/kg	0.000252 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				0.92	mg/kg		0.644	mg/kg	0.0000644 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27	●	benzo[ghi]perylene				4	mg/kg		2.8	mg/kg	0.00028 %	✓	
			205-883-8	191-24-2									
										Total:	0.0742 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP06

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

Sample details

Sample name:
TP06
Sample Depth:
0.10-0.20 m
Moisture content:
22%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 22% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.6 pH		6.6 pH	6.6 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		39 mg/kg	1.32	40.164 mg/kg	0.00402 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		30 mg/kg	1.462	34.2 mg/kg	0.00342 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		130 mg/kg	1.126	114.165 mg/kg	0.0114 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	370 mg/kg		288.6 mg/kg	0.0289 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<**LOD**
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		27 mg/kg	1.579	33.264 mg/kg	0.00333 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		160 mg/kg	1.245	155.34 mg/kg	0.0155 %	✓	
								Total:	0.067 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP07

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

Sample details

Sample name:
TP07
Sample Depth:
0.30-0.60 m
Moisture content:
29%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 29% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	pH			PH		7.2	pH		7.2	pH	7.2 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		140	mg/kg	1.32	131.24	mg/kg	0.0131 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2	mg/kg	1.285	<0.257	mg/kg	<0.00002 %		<LOD
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		42	mg/kg	1.462	43.584	mg/kg	0.00436 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		540	mg/kg	1.126	431.666	mg/kg	0.0432 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	990	mg/kg		702.9	mg/kg	0.0703 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		110	mg/kg	1.579	123.359	mg/kg	0.0123 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		1200	mg/kg	1.245	1060.496	mg/kg	0.106 %	✓	
12	naphthalene	601-052-00-2	202-049-5	91-20-3		1.4	mg/kg		0.994	mg/kg	0.0000994 %	✓	
13	acenaphthylene		205-917-1	208-96-8		0.39	mg/kg		0.277	mg/kg	0.0000277 %	✓	
14	acenaphthene		201-469-6	83-32-9		6	mg/kg		4.26	mg/kg	0.000426 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				3.9	mg/kg		2.769	mg/kg	0.000277 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				37	mg/kg		26.27	mg/kg	0.00263 %	✓	
			201-581-5	85-01-8									
17		anthracene				11	mg/kg		7.81	mg/kg	0.000781 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				55	mg/kg		39.05	mg/kg	0.0039 %	✓	
			205-912-4	206-44-0									
19		pyrene				48	mg/kg		34.08	mg/kg	0.00341 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				25	mg/kg		17.75	mg/kg	0.00178 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				22	mg/kg		15.62	mg/kg	0.00156 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				26	mg/kg		18.46	mg/kg	0.00185 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				9.6	mg/kg		6.816	mg/kg	0.000682 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				20	mg/kg		14.2	mg/kg	0.00142 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				11	mg/kg		7.81	mg/kg	0.000781 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				3.1	mg/kg		2.201	mg/kg	0.00022 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				12	mg/kg		8.52	mg/kg	0.000852 %	✓	
			205-883-8	191-24-2									
										Total:	0.27 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP11

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

Sample details

Sample name:
TP11
Sample Depth:
0.10-0.20 m
Moisture content:
12%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.9 pH		6.9 pH	6.9 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		67 mg/kg	1.32	77.846 mg/kg	0.00778 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	<0.2 mg/kg	1.285	<0.257 mg/kg	<0.00002 %		<**LOD**
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		49 mg/kg	1.462	63.022 mg/kg	0.0063 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		950 mg/kg	1.126	941.243 mg/kg	0.0941 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1300 mg/kg		1144 mg/kg	0.114 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		2.1 mg/kg	1.353	2.501 mg/kg	0.00025 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		58 mg/kg	1.579	80.618 mg/kg	0.00806 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		660 mg/kg	1.245	722.93 mg/kg	0.0723 %	✓	
								Total:	0.304 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP15

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

Sample details

Sample name:
TP15
Sample Depth:
0.10-0.20 m
Moisture content:
28%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 28% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.7	pH		6.7	pH	6.7 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		27	mg/kg	1.32	25.667	mg/kg	0.00257 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	1.2	mg/kg	1.285	1.11	mg/kg	0.0000864 %	✓	
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		120	mg/kg	1.462	126.278	mg/kg	0.0126 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		80	mg/kg	1.126	64.851	mg/kg	0.00649 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	260	mg/kg		187.2	mg/kg	0.0187 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.6	mg/kg	1.353	0.585	mg/kg	0.0000585 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		18	mg/kg	1.579	20.47	mg/kg	0.00205 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		130	mg/kg	1.245	116.505	mg/kg	0.0117 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		0.36	mg/kg		0.259	mg/kg	0.0000259 %	✓	
13		acenaphthylene		205-917-1	208-96-8		0.12	mg/kg		0.0864	mg/kg	0.00000864 %	✓	
14		acenaphthene		201-469-6	83-32-9		1.2	mg/kg		0.864	mg/kg	0.0000864 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				0.7	mg/kg		0.504	mg/kg	0.0000504 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				8	mg/kg		5.76	mg/kg	0.000576 %	✓	
			201-581-5	85-01-8									
17		anthracene				1.9	mg/kg		1.368	mg/kg	0.000137 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				12	mg/kg		8.64	mg/kg	0.000864 %	✓	
			205-912-4	206-44-0									
19		pyrene				11	mg/kg		7.92	mg/kg	0.000792 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				6	mg/kg		4.32	mg/kg	0.000432 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				5.7	mg/kg		4.104	mg/kg	0.00041 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				6.3	mg/kg		4.536	mg/kg	0.000454 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				3.1	mg/kg		2.232	mg/kg	0.000223 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				6	mg/kg		4.32	mg/kg	0.000432 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				3	mg/kg		2.16	mg/kg	0.000216 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				0.92	mg/kg		0.662	mg/kg	0.0000662 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				3.6	mg/kg		2.592	mg/kg	0.000259 %	✓	
			205-883-8	191-24-2									
										Total:	0.0596 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP24

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

Sample details

Sample name:
TP24
Sample Depth:
0.10-0.20 m
Moisture content:
19%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 19% Wet Weight Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	pH			PH		6.9 pH		6.9 pH	6.9 pH		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		48 mg/kg	1.32	51.334 mg/kg	0.00513 %	✓	
3	cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	3 mg/kg	1.285	3.123 mg/kg	0.000243 %	✓	
4	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2 mg/kg	1.923	<2.308 mg/kg	<0.000231 %		<**LOD**
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		35 mg/kg	1.462	41.435 mg/kg	0.00414 %	✓	
6	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		960 mg/kg	1.126	875.491 mg/kg	0.0875 %	✓	
7	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	960 mg/kg		777.6 mg/kg	0.0778 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		4.1 mg/kg	1.353	4.495 mg/kg	0.000449 %	✓	
9	nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		37 mg/kg	1.579	47.338 mg/kg	0.00473 %	✓	
10	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<**LOD**
11	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		560 mg/kg	1.245	564.602 mg/kg	0.0565 %	✓	
								Total:	0.237 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP30

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

Sample details

Sample name:
TP30
Sample Depth:
0.10-0.20 m
Moisture content:
23%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 23% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		6.4	pH		6.4	pH	6.4 pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		45	mg/kg	1.32	45.749	mg/kg	0.00457 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	3.4	mg/kg	1.285	3.365	mg/kg	0.000262 %	✓	
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24	mg/kg	1.462	27.01	mg/kg	0.0027 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		270	mg/kg	1.126	234.072	mg/kg	0.0234 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	500	mg/kg		385	mg/kg	0.0385 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		2	mg/kg	1.353	2.084	mg/kg	0.000208 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		24	mg/kg	1.579	29.189	mg/kg	0.00292 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		440	mg/kg	1.245	421.709	mg/kg	0.0422 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
13		acenaphthylene		205-917-1	208-96-8		1	mg/kg		0.77	mg/kg	0.000077 %	✓	
14		acenaphthene		201-469-6	83-32-9		27	mg/kg		20.79	mg/kg	0.00208 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				16	mg/kg		12.32	mg/kg	0.00123 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				220	mg/kg		169.4	mg/kg	0.0169 %	✓	
			201-581-5	85-01-8									
17		anthracene				65	mg/kg		50.05	mg/kg	0.005 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				290	mg/kg		223.3	mg/kg	0.0223 %	✓	
			205-912-4	206-44-0									
19		pyrene				280	mg/kg		215.6	mg/kg	0.0216 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				140	mg/kg		107.8	mg/kg	0.0108 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				130	mg/kg		100.1	mg/kg	0.01 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				140	mg/kg		107.8	mg/kg	0.0108 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				45	mg/kg		34.65	mg/kg	0.00347 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				130	mg/kg		100.1	mg/kg	0.01 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				52	mg/kg		40.04	mg/kg	0.004 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				15	mg/kg		11.55	mg/kg	0.00115 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				60	mg/kg		46.2	mg/kg	0.00462 %	✓	
			205-883-8	191-24-2									
										Total:	0.239 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: WS10

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

Sample details

Sample name:
WS10
Sample Depth:
0.10-0.20 m
Moisture content:
19%
(wet weight correction)

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

Hazard properties

None identified

Determinands

Moisture content: 19% Wet Weight Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		pH			PH		7	pH		7	pH	7pH		
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		29	mg/kg	1.32	31.014	mg/kg	0.0031 %	✓	
3		cadmium { cadmium sulfide }	048-010-00-4	215-147-8	1306-23-6	1	3	mg/kg	1.285	3.123	mg/kg	0.000243 %	✓	
4		chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0		<1.2	mg/kg	1.923	<2.308	mg/kg	<0.000231 %		<**LOD**
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		180	mg/kg	1.462	213.095	mg/kg	0.0213 %	✓	
6		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		200	mg/kg	1.126	182.394	mg/kg	0.0182 %	✓	
7		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	390	mg/kg		315.9	mg/kg	0.0316 %	✓	
8		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.9	mg/kg	1.353	0.987	mg/kg	0.0000987 %	✓	
9		nickel { nickel dihydroxide }	028-008-00-X	235-008-5 [1] 234-348-1 [2]	12054-48-7 [1] 11113-74-9 [2]		24	mg/kg	1.579	30.705	mg/kg	0.00307 %	✓	
10		selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<**LOD**
11		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		350	mg/kg	1.245	352.876	mg/kg	0.0353 %	✓	
12		naphthalene	601-052-00-2	202-049-5	91-20-3		5.2	mg/kg		4.212	mg/kg	0.000421 %	✓	
13		acenaphthylene		205-917-1	208-96-8		2.7	mg/kg		2.187	mg/kg	0.000219 %	✓	
14		acenaphthene		201-469-6	83-32-9		16	mg/kg		12.96	mg/kg	0.0013 %	✓	

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		fluorene				10	mg/kg		8.1	mg/kg	0.00081 %	✓	
			201-695-5	86-73-7									
16		phenanthrene				110	mg/kg		89.1	mg/kg	0.00891 %	✓	
			201-581-5	85-01-8									
17		anthracene				29	mg/kg		23.49	mg/kg	0.00235 %	✓	
			204-371-1	120-12-7									
18		fluoranthene				210	mg/kg		170.1	mg/kg	0.017 %	✓	
			205-912-4	206-44-0									
19		pyrene				190	mg/kg		153.9	mg/kg	0.0154 %	✓	
			204-927-3	129-00-0									
20		benzo[a]anthracene				110	mg/kg		89.1	mg/kg	0.00891 %	✓	
		601-033-00-9	200-280-6	56-55-3									
21		chrysene				96	mg/kg		77.76	mg/kg	0.00778 %	✓	
		601-048-00-0	205-923-4	218-01-9									
22		benzo[b]fluoranthene				120	mg/kg		97.2	mg/kg	0.00972 %	✓	
		601-034-00-4	205-911-9	205-99-2									
23		benzo[k]fluoranthene				24	mg/kg		19.44	mg/kg	0.00194 %	✓	
		601-036-00-5	205-916-6	207-08-9									
24		benzo[a]pyrene; benzo[def]chrysene				87	mg/kg		70.47	mg/kg	0.00705 %	✓	
		601-032-00-3	200-028-5	50-32-8									
25		indeno[123-cd]pyrene				46	mg/kg		37.26	mg/kg	0.00373 %	✓	
			205-893-2	193-39-5									
26		dibenz[a,h]anthracene				12	mg/kg		9.72	mg/kg	0.000972 %	✓	
		601-041-00-2	200-181-8	53-70-3									
27		benzo[ghi]perylene				50	mg/kg		40.5	mg/kg	0.00405 %	✓	
			205-883-8	191-24-2									
										Total:	0.204 %		

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 Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non GB MCL determinands

- **pH** (CAS Number: PH)

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

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

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

- **lead compounds with the exception of those specified elsewhere in this Annex**

GB MCL index number: 082-001-00-6
Description/Comments: Least-worst case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following MCL protocols, considers many simple lead compounds to be Carcinogenic category 2
Additional Hazard Statement(s): Carc. 2; H351
Reason for additional Hazards Statement(s):
20 Nov 2021 - Carc. 2; H351 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html. Review date 29/09/2015

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

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

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

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

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

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(VI) compounds {chromium(VI) oxide}

Worst case species based on hazard statements

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

Worst case species based on hazard statements

copper {dicopper oxide; copper (I) oxide}

Most likely common species

lead {lead compounds with the exception of those specified elsewhere in this Annex}

Absence of hexavalent chromium indicates it unlikely that lead chromate is present within the site soils.

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}

Absence of hexavalent chromium indicates it unlikely that zinc chromate is present within the site soils. Furthermore, the presence of ash and clinker suggests oxides of zinc will be present.

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.2.GB - Oct 2021
HazWasteOnline Classification Engine Version: 2023.111.5569.10274 (12 Jun 2023)
HazWasteOnline Database: 2023.111.5569.10274 (22 Apr 2023)

This classification utilises the following guidance and legislation:
WM3 v1.2.GB - Waste Classification - 1st Edition v1.2.GB - Oct 2021
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
GB MCL List - version 1.1 of 09 June 2021

North West

William Smith House
173 – 183 Witton Street
Northwich
Cheshire
CW9 5LP

Tel: 01606 334 844

Midlands

Unit 5, Alfred Court
Saxon Business Park
Stoke Prior
Bromsgrove
Worcestershire
B60 4AD

Tel: 01215 729 014

www.brownfield-solutions.com