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Waste Characterisation Assessment Phase 2

Stanley Street,

Dublin 7

Prepared For: -

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August 2024

Project	Waste Characterisation: Stanley Street, Dublin 7			
Client	IGSL Limited			
Report No	Date	Status	Prepared By	Reviewed By
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1 INTRODUCTION

IGSL Limited requested O'Callaghan Moran & Associates (OCM) to undertake a waste characterisation assessment of fifty-six (56 No.) samples of made and natural ground collected from fourteen (14 No.) cable percussion boreholes, ten (10 No.) trial pits and fifteen (15 No.) window sample boreholes from a site at Stanley Street Dublin 7. The initial assessment identified significant hydrocarbon contamination in the northern section of the site and two other discrete areas localized contamination in the west and south of the site. OCM was requested to attend the site to assist with an additional phase of sampling to attempt to delineate the areas of contamination.

1.1 Methodology

IGSL provided a description of the ground conditions and collected samples of the soils from the trial pit and borehole locations. The samples were analysed at an accredited laboratory and the results formed the basis for a waste classification assessment, which was undertaken by OCM in accordance with the Environmental Protection Agency (EPA) Guidelines on the Classification of Waste (2015).

2 WASTE CLASSIFICATION ASSESSMENT

2.1 Soil Sampling and Laboratory Analysis

2.1.1 *Site Investigation*

The Phase 1 investigations was undertaken in November 2023 and March 2024 and included the collection of fifty-six (56 No.) samples of made and natural ground collected from fourteen (14 No.) cable percussion boreholes, ten (10 No.) trial pits and fifteen (15 No.) window sample boreholes. The Phase 2 site investigation was undertaken in June 2024 and included collection of nineteen (19 No.) composite samples from eleven (1 No.) window sample boreholes. The location of the samples is shown on Figure 2.1, Figure 2.2 and Figure 2.3. The logs are in Appendix 1.

There is concrete at the surface of all sample locations.

The subsurface comprises Made Ground underlain by Natural Ground. The Made Ground is generally 1.00-2.00m in thickness and is composed of sandy gravelly CLAY/clayey gravelly SAND with cobble content. The Made Ground at BH09, BH10, WS05, WS14 and WS15 extends to 3.00 mbgl. The Made Ground at all locations contains non-natural material <2% of the soil matrix including fragments of plastic, brick, glass, metal and concrete.

The Made Ground is underlain by Natural Ground and comprises firm to stiff, sandy gravelly SILT/CLAY to circa. 4.00 mbgl. This is underlain by stiff to very stiff, sandy gravelly CLAY with some cobble content. Some lenses (0.5-1.00m) of medium dense to dense sandy GRAVEL were encountered across the site.

Phase 1;

A strong hydrocarbon odour was noted in BH03 (0.40-3.40m), BH07 (2.30-3.70m), TP01 (0.95-2.50m) and TP05 (0.18-0.50m).

A strong hydrocarbon odour and visible staining was noted in all window sample locations (WS01-WS15).

Phase 2;

In the northern section of the site, a slight hydrocarbon odour was noted between 0.30-1.00 mbgl and a strong hydrocarbon odour was noted in WS23, WS24, WS27 and WS28 from below 1.00 mbgl. In WS25, a very slight was noted from 0.30-2.00 mbgl and a slight to moderate odour was noted from 2.00-2.40 mbgl. A very slight odour was noted in WS25 between 2.50-3.00 mbgl.

In the west of the site, a slight hydrocarbon odour was noted in WS17 from 1.90-2.50 mbgl. Based on observations during the second phase of investigation the source of hydrocarbon contamination on the site appears to be an underground oil storage tank which is located in the north of the site.

2.1.2 *Sample Collection*

IGSL collected the samples and placed them in laboratory prepared containers that were stored in coolers prior to shipment to Chemtest Ltd.

2.1.3 *Laboratory Analysis*

The samples were tested for, metals (arsenic, barium, cadmium, chromium, copper, mercury, molybdenum, nickel, lead, antimony, selenium and zinc, total organic carbon (TOC), BTEX (benzene, toluene, ethylbenzene and xylene) aliphatic and aromatic hydrocarbons, polychlorinated biphenyls (PCB), mineral oil, polyaromatic hydrocarbons (PAH) and asbestos. Leachate generated from the samples was tested for arsenic, barium, cadmium, chromium, copper, mercury, molybdenum, nickel, lead, antimony, selenium and zinc, chloride, fluoride, soluble sulphate, phenols, dissolved organic carbon (DOC), total dissolved solids (TDS).

This parameter range facilitates an assessment of the hazardous properties of the waste, and also allows a determination of appropriate off-site management options based on the Waste Acceptance Criteria (WAC) applied by landfill operators.

The analytical methods were all ISO/CEN approved and the method detection limits were below the relevant guidance/threshold values. The full laboratory report is in Appendix 2.

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Figure 2.1 Sample Location Plan

Legend

Client:

IGSL Limited

IGSL Ltd.

25000-1 - Exploratory Hole Site Plan – Window Samples (WS01-WS15)

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Figure 2.2 Sample Location Plan

Legend

Client:

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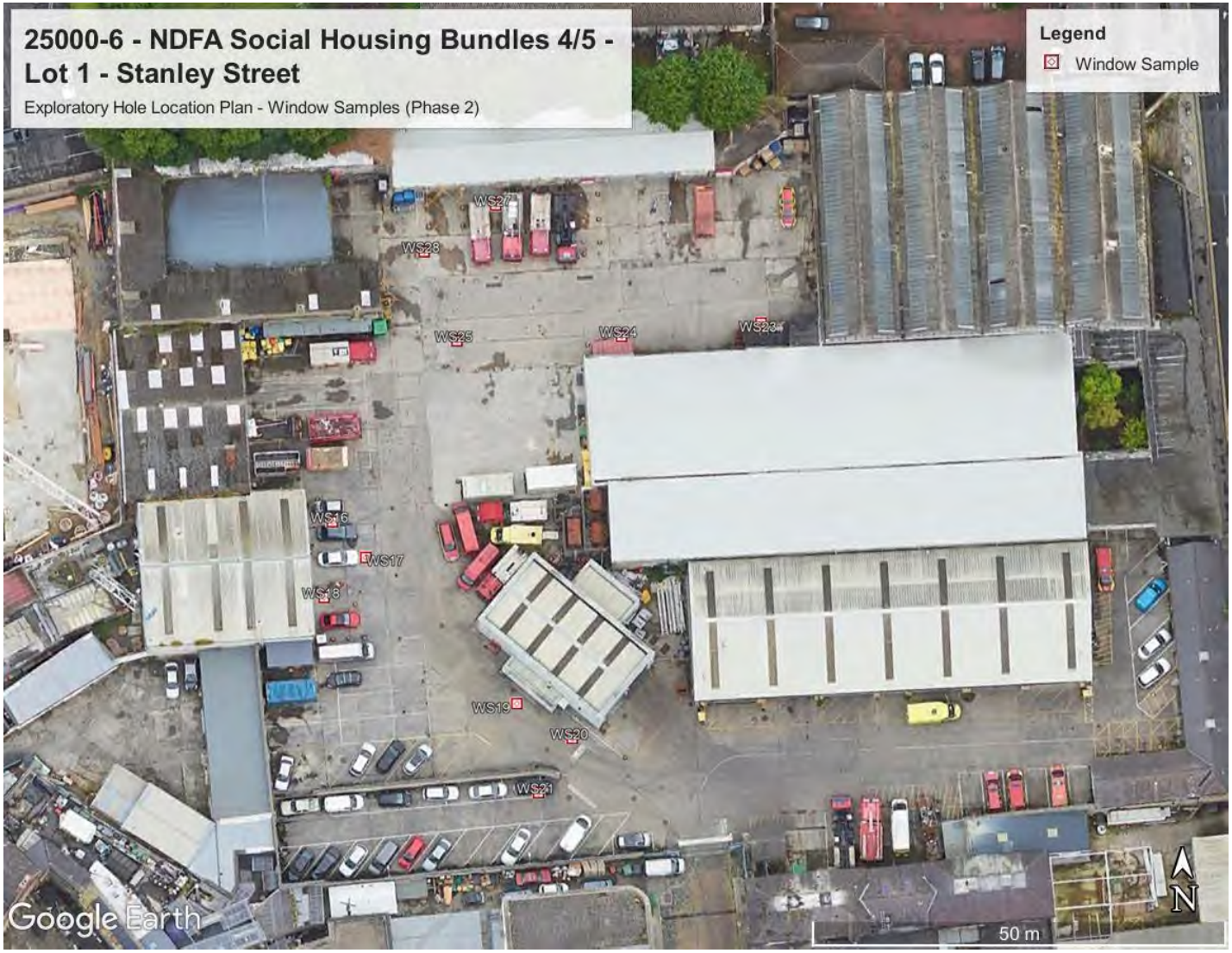

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Figure 2.3 Sample Location Plan

Legend

Client:

IGSL Limited

2.2 Waste Classification

The Haz Waste Online Classification Engine, developed in the UK by One Touch Data Ltd, was used to determine the waste classification. This tool was developed specifically to establish whether waste is non-hazardous or hazardous and has been approved for use in Ireland by the Environmental Protection Agency. The full Waste Classification Report is in Appendix 3 and the results are summarised in Table 2.1 and 2.2.

Table 2.1 Waste Classification Initial (Phase 1) Site Investigation

Sample No.	Depth	Classification	LoW Code	Sample No.	Depth	Classification	LoW Code
BH01	1.00	Non-Hazardous	17 05 04	WS1	1.00-2.00	Hazardous	17 05 03
BH02A	1.00	Non-Hazardous	17 05 04	WS1	2.00-3.50	Non-Hazardous	17 05 04
BH03	2.00	Non-Hazardous	17 05 04	WS2	0.00-1.00	Non-Hazardous	17 05 04
BH03	3.00	Non-Hazardous	17 05 04	WS2	2.00-3.00	Non-Hazardous	17 05 04
BH04	1.00	Non-Hazardous	17 05 04	WS3	0.00-2.00	Hazardous	17 05 03
BH05	2.00	Non-Hazardous	17 05 04	WS4	0.00-1.00	Hazardous	17 05 03
BH06	1.00	Non-Hazardous	17 05 04	WS4	1.00-2.90	Non-Hazardous	17 05 04
BH07	2.00	Non-Hazardous	17 05 04	WS5	0.00-2.00	Non-Hazardous	17 05 04
BH08	1.00	Non-Hazardous	17 05 04	WS5	2.50-3.50	Hazardous	17 05 03
BH09	1.00	Non-Hazardous	17 05 04	WS6	0.00-2.00	Non-Hazardous	17 05 04
BH10	2.00	Hazardous	17 05 03	WS6	2.00-4.00	Hazardous	17 05 03
BH11	1.00	Non-Hazardous	17 05 04	WS3	2.00-3.00	Hazardous	17 05 03
BH12	1.00	Non-Hazardous	17 05 04	WS7	0.00-1.00	Non-Hazardous	17 05 04
BH13	1.00	Non-Hazardous	17 05 04	WS7	2.00-4.00	Hazardous	17 05 03
BH14	1.00	Non-Hazardous	17 05 04	WS8	0.00-1.00	Hazardous	17 05 03
TP01	0.70	Non-Hazardous	17 05 04	WS9	0.00-1.50	Hazardous	17 05 03
TP01	1.50	Hazardous	17 05 03	WS9	1.50-2.50	Hazardous	17 05 03
TP01	2.30	Non-Hazardous	17 05 04	WS9	2.50-3.50	Non-Hazardous	17 05 04
TP02	0.70	Non-Hazardous	17 05 04	WS10	0.00-1.00	Non-Hazardous	17 05 04
TP03	0.50	Non-Hazardous	17 05 04	WS10	1.50-3.00	Hazardous	17 05 03
TP04	0.70	Non-Hazardous	17 05 04	WS11	0.00-1.50	Non-Hazardous	17 05 04
TP05	0.40	Hazardous	17 05 03	WS12	0.00-2.00	Non-Hazardous	17 05 04
TP05	1.60	Non-Hazardous	17 05 04	WS12	2.50-3.50	Non-Hazardous	17 05 04
TP06	1.80	Non-Hazardous	17 05 04	WS13	0.50-2.00	Non-Hazardous	17 05 04
TP07	0.60	Non-Hazardous	17 05 04	WS13	2.50-4.00	Non-Hazardous	17 05 04
TP08	1.40	Non-Hazardous	17 05 04	WS14	0.50-2.00	Non-Hazardous	17 05 04
TP10	1.60	Non-Hazardous	17 05 04	WS15	0.50-2.00	Non-Hazardous	17 05 04
TP11	1.30	Non-Hazardous	17 05 04	WS15	2.50-4.00	Non-Hazardous	17 05 04

Asbestos was not detected in any of the samples tested.

The samples from BH10 (2.00m), TP01 (1.50m), TP05 (0.40m), WS1 (1.00-2.00m), WS3 (0.00-2.00m and 2.00-3.00m), WS4 (0.00-1.00m), WS5 (2.50-3.50m), WS6 (2.00-4.00m), WS7 (2.00-4.00), WS8 (0.00-1.00m), WS9 (0.00-1.50 and 1.50-2.50m) and WS10 (1.50-3.00m) are classified as hazardous for Total Petroleum Hydrocarbons (TPH) concentrations and the appropriate List of Waste Code is 17 05 03 (Soil and Stone containing hazardous substances).

All other samples are classified as non-hazardous and the appropriate List of Waste Code is 17 05 04 (Soil and Stone other than those mentioned in 17 05 03*).

Table 2.2 Waste Classification Site Investigation (Phase 2) June 2024

Sample No.	Depth	Classification	LoW Code
WS16	1.7	Non-Hazardous	17 05 04
WS16	2.7	Non-Hazardous	17 05 04
WS17	1.6	Non-Hazardous	17 05 04
WS17	2.1	Non-Hazardous	17 05 04
WS18	0.3	Non-Hazardous	17 05 04
WS19	1.3	Non-Hazardous	17 05 04
WS20	1.0	Non-Hazardous	17 05 04
WS20	1.8	Non-Hazardous	17 05 04
WS21	1.5	Non-Hazardous	17 05 04
WS21	2.5	Non-Hazardous	17 05 04
WS23	0.3	Non-Hazardous	17 05 04
WS24	0.5	Non-Hazardous	17 05 04
WS24	1.5	Hazardous	17 05 03
WS25	0.3	Non-Hazardous	17 05 04
WS25	1.5	Non-Hazardous	17 05 04
WS27	0.3	Non-Hazardous	17 05 04
WS27	1.0	Hazardous	17 05 03
WS28	0.3	Non-Hazardous	17 05 04
WS28	1.0	Hazardous	17 05 03

Asbestos was not detected in any of the samples tested.

The samples from WS24 (1.5m), WS27 (1.0m) and WS28 (1.0m) in the June 2024 investigation are classified as hazardous for Total Petroleum Hydrocarbons (TPH) concentrations and the appropriate List of Waste Code is 17 05 03 (Soil and Stone containing hazardous substances).

All other samples in the June 2024 investigation are classified as non-hazardous and the appropriate List of Waste Code is 17 05 04 (Soil and Stone other than those mentioned in 17 05 03*).

2.3 Waste Acceptance Criteria

The results of the WAC testing are presented in Table 2.3-2.8, which includes for comparative purposes the WAC for Inert, Non Hazardous and Hazardous Waste Landfills pursuant to Article 16 of the EU Landfill Directive 1999/31/EC Annex II which establishes criteria and procedures for the acceptance of waste at landfills.

Phase 1;

Antimony exceeds the inert WAC for TP02, TP03, WS2 (0.00-1.00m), WS3 (2.00-3.00m), WS4 (0.00-1.00m), WS6 (2.00-4.00m) and WS7 (2.00-4.00m), and the inert WAC increased limits for TP05 (0.40m), WS7 (0.00-1.00m) and WS9 (0.00-1.50m).

Lead exceeds the inert WAC increased limits in WS7 (0.00-1.00m).

Molybdenum exceeds the inert WAC in TP11 (1.30m), WS2 (0.00-1.00m), WS4 (1.00-2.90m), WS7 (0.00-1.00m), WS10 (1.50-3.00m), WS12 (0.00-2.00m and 2.50-3.50m) and WS13 (2.50-4.00m).

Phenol exceeds the inert WAC increased limits in WS9 (2.50-3.00m).

Sulphate exceeds the inert WAC in BH01 (1.00m), BH03 (3.00m), BH07 (2.00m), BH08 (1.00m), BH11 (1.00m), BH13 (1.00m), TP06 (1.80m), WS11 (0.00-1.50n), and the inert WAC increased limits in BH04 (1.00m), BH09 (1.00m), TP07 (0.60m), WS12 (0.00-2.00m) and WS15 (0.50-2.00m).

Total Dissolved Solids (TDS) exceeds the inert WAC in BH04 (1.00m), BH11 (1.0m), WS12 (0.00-2.00m) and WS15 (0.50-2.00m).

Total Organic Carbon (TOC) exceeds the inert WAC for BH01 (1.00m), BH07 (2.00m), BH08 (2.00m), BH10 (2.00m), BH11 (1.00m), BH13 (1.00m), BH14 (1.00m), TP02 (0.70m), TP03 (0.50m), TP04 (0.70m), TP06 (1.80m), TP07 (0.60m), TP11 (1.30m), WS2 (2.00-3.00m), WS3 (2.00-3.00m) and WS5 (0.00-2.00m), and the inert WAC increased limits for (BH02A (1.00m), BH04 (1.00m), BH06 (1.00m), TP01 (0.70m), TP05 (0.40m), WS6 (0.00-2.00m), WS7 (0.00-1.00m), WS9 (0.00-1.00m), WS11 (0.00-1.50m) and WS13 (0.50-2.00m).

The samples from BH06 (1.00m), BH10 (2.00m), TP01 (1.50m and 2.30m), TP05 (0.40m), WS1, WS2 (0.00-1.00m), WS3, WS4 (1.00-2.90m), WS5 (0.00-2.00m), WS6, WS7 (2.00-4.00m), WS8 (0.00-1.00m), WS9 (0.00-1.50m and 1.50-2.50m) and WS10 (1.50-3.00m) exceed the inert WAC increased limits for Total PAH's and/or Mineral Oil.

All other samples meet the inert WAC.

Phase 2;

Molybdenum exceeds the inert WAC in WS16 and the inert WAC increased limits in WS17 (2.1m).

Sulphate exceeds the inert WAC in WS16 (1.7m), WS17 (1.6m), WS19 (1.3m) and WS18 (0.3m).

Total Dissolved Solids (TDS) exceeds the inert WAC in WS25 (0.3m).

Total Organic Carbon (TOC) exceeds the inert WAC for WS20 (1.0m) and WS27 (1.0m), and the inert WAC increased limits for WS23 (0.3m), WS24 (0.5m) and WS25 (0.3m).

The samples from WS23 (0.3m), WS24 (1.5m), WS27 (1.0m) and WS28 (1.0m) exceed the inert WAC increased limits for Total PAH's and/or Mineral Oil.

Table 2.3 WAC Results Phase 1

Parameter	Unit	BH01	BH02A	BH03	BH03	BH04	BH05	BH06	BH07	BH08	BH09	BH10	BH11	BH12	BH13	Inert Landfill	Inert Landfill Increased Limits	Non-Hazardous Landfill	Hazardous Landfill
Depth	**m**	**1.00**	**1.00**	**2.00**	**3.00**	**1.00**	**2.00**	**1.00**	**2.00**	**1.00**	**1.00**	**2.00**	**1.00**	**1.00**	**1.00**				
Antimony	mg/kg	0.013	0.043	< 0.0050	0.0071	0.034	< 0.0050	0.024	< 0.0050	0.014	0.0064	0.037	0.0093	0.0080	0.011	0.06	0.18	0.7	5
Arsenic	mg/kg	0.012	0.12	0.0061	0.0026	0.0070	0.0052	0.047	0.0032	0.027	0.0029	0.0040	0.012	0.0083	0.0055	0.5	1.5	2	25
Barium	mg/kg	0.21	0.051	0.074	0.32	0.23	0.062	0.19	0.23	0.24	0.18	0.31	0.21	0.18	0.21	20	20	100	300
Cadmium	mg/kg	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.04	0.04	1	5
Chromium	mg/kg	< 0.0050	0.0087	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0080	< 0.0050	0.011	< 0.0050	< 0.0050	0.015	< 0.0050	< 0.0050	0.5	0.5	10	70
Copper	mg/kg	0.035	0.036	0.012	< 0.0050	0.022	0.012	0.048	0.0063	0.018	< 0.0050	0.0091	0.23	0.015	0.028	2	2	50	100
Lead	mg/kg	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.092	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.5	0.5	10	50
Molybdenum	mg/kg	0.019	0.061	0.025	0.14	0.13	0.051	0.089	0.016	0.011	0.013	0.24	0.065	0.10	0.018	0.5	1.5	10	30
Nickel	mg/kg	< 0.0050	< 0.0050	< 0.0050	0.070	< 0.0050	< 0.0050	0.026	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.4	0.4	10	40
Selenium	mg/kg	0.010	0.011	0.0072	< 0.0050	0.017	0.0086	0.010	< 0.0050	0.014	< 0.0050	0.012	0.0085	< 0.0050	0.0060	0.1	0.3	0.5	7
Zinc	mg/kg	0.46	0.14	0.22	0.10	0.17	0.22	0.34	0.13	0.14	0.13	0.10	< 0.025	0.11	0.14	4	4	50	200
Mercury	mg/kg	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	0.01	0.01	0.2	2
Phenol	mg/kg	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	1	1	NE	NE
Fluoride	mg/kg	1.3	6.2	1.8	3.8	2.6	2.7	3.3	1.9	< 1.0	1.2	2.4	1.4	3.1	1.2	10	10	150	500
Chloride	mg/kg	17	32	< 10	12	26	< 10	< 10	72	11	< 10	< 10	24	12	12	800	2,400	15,000	25,000
Sulphate	mg/kg	2600	410	170	1900	3400	260	180	2400	2400	3500	470	2900	190	2300	1000*	3,000	20000*	50,000
DOC **	mg/kg	< 50	59	65	< 50	< 50	66	98	< 50	< 50	< 50	80	< 50	94	< 50	500	500	800	1,000
pH	pH units	8.2	9.2	8.3	8.1	8.1	8.3	8.4	8.2	8.6	8.5	8.4	8.7	8.8	8.6	NE	NE	NE	NE
TDS ***	mg/kg	3200	1100	650	2800	4400	990	850	3100	3000	4000	1400	4100	830	3000	4,000	12,000	60,000	100,000
TOC	%	4.9	6.8	2.5	1.6	13	1.2	9.8	4.2	3.2	3	3.9	3.3	0.97	4	3	6	NE	6
Benzene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
Toluene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
Ethylbenzene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
m/p-Xylene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
o-Xylene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
PCB Total of 7	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	1	1	NE	NE
Total 17 PAH's	mg/kg	2.1	2.4	4.5	< 1.0	12	< 1.0	120	< 1.0	< 1.0	< 1.0	31	< 1.0	< 1.0	6.0	NE	100	NE	NE
Mineral Oil	mg/kg	14	19	19	13	< 10	< 10	18	19	< 10	< 10	3700	17	< 10	< 10	500	500	NE	NE
Asbestos	% mass	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NE	NE	NE	NE

NAD denotes No Asbestos Detected

* denotes sulphate level exceeding inert waste limit may be considered as complying if the TDS value does not exceed 6,000mg/kg at L/S = 10l/kg.

** denotes a higher limit may be accepted provided the DOC alternative values of 500mg/kg is achieved

*** denotes TDS. The values for TDS can be used to sulphate and chloride.

PAH over 1mg/kg and Mineral Oil over 50 mg/kg exceeds limit at soil recovery site in Ireland

Table 2.4 WAC Results Phase 1

Parameter	Unit	BH14	TP01	TP01	TP01	TP02	TP03	TP04	TP05	TP05	TP06	TP07	TP08	TP10	TP11	Inert Landfill	Inert Landfill Increased Limits	Non-Hazardous Landfill	Hazardous Landfill
Depth	**m**	**1.00**	**0.70**	**1.50**	**2.30**	**0.70**	**0.50**	**0.70**	**0.40**	**1.60**	**1.80**	**0.60**	**1.40**	**1.60**	**1.30**				
Antimony	mg/kg	0.018	0.047	0.023	0.045	0.10	0.10	0.017	0.23	0.0062	0.011	0.015	< 0.0050	0.021	0.056	0.06	0.18	0.7	5
Arsenic	mg/kg	0.021	0.078	0.014	0.025	0.091	0.28	0.063	0.078	0.0081	0.016	0.013	0.0028	0.043	0.043	0.5	1.5	2	25
Barium	mg/kg	0.32	0.067	0.10	0.43	0.10	0.062	< 0.050	0.27	< 0.050	0.20	0.22	< 0.050	< 0.050	0.14	20	20	100	300
Cadmium	mg/kg	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.04	0.04	1	5
Chromium	mg/kg	< 0.0050	0.089	< 0.0050	< 0.0050	0.020	0.0096	< 0.0050	0.0079	0.011	0.024	< 0.0050	< 0.0050	0.0078	< 0.0050	0.5	0.5	10	70
Copper	mg/kg	0.017	0.074	0.025	0.033	0.034	0.060	0.035	0.064	0.017	0.014	0.030	0.0065	0.035	0.072	2	2	50	100
Lead	mg/kg	< 0.0050	0.041	< 0.0050	0.0067	0.014	0.040	0.041	0.028	0.0053	< 0.0050	< 0.0050	< 0.0050	0.011	0.0052	0.5	0.5	10	50
Molybdenum	mg/kg	0.029	0.094	0.054	0.24	0.077	0.10	0.045	0.17	0.051	0.032	0.10	0.061	0.061	0.51	0.5	1.5	10	30
Nickel	mg/kg	0.0057	0.0082	0.023	0.035	0.014	0.0065	0.010	0.024	0.0088	< 0.0050	0.021	< 0.0050	0.0056	0.046	0.4	0.4	10	40
Selenium	mg/kg	0.025	0.019	0.0060	0.0090	0.018	0.017	0.013	0.026	0.0095	0.011	0.017	< 0.0050	0.0059	0.027	0.1	0.3	0.5	7
Zinc	mg/kg	0.12	0.13	0.34	0.13	0.14	0.087	0.12	0.14	0.34	0.15	0.17	0.085	0.26	0.12	4	4	50	200
Mercury	mg/kg	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	0.01	0.01	0.2	2
Phenol	mg/kg	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	1	1	NE	NE
Fluoride	mg/kg	1.2	2.5	1.0	2.0	4.5	4.4	1.2	2.1	2.3	1.3	1.9	1.4	1.8	1.8	10	10	150	500
Chloride	mg/kg	< 10	27	< 10	< 10	25	27	< 10	< 10	93	12	< 10	26	< 10	< 10	800	2,400	15,000	25,000
Sulphate	mg/kg	520	340	310	110	450	250	36	450	55	2400	7300	96	120	730	1000*	3,000	20000*	50,000
DOC **	mg/kg	51	99	97	99	54	70	93	71	75	52	52	59	94	91	500	500	800	1,000
pH	pH units	8.2	8.8	8.1	8.7	9.2	11.0	9.8	9.0	8.6	8.6	8.6	8.4	9.1	8.6	NE	NE	NE	NE
TDS ***	mg/kg	1100	990	730	810	1400	870	550	580	640	3000	7500	530	760	2000	4,000	12,000	60,000	100,000
TOC	%	4.9	9.6	2.4	1.9	4	5.5	3.2	13	0.92	3.2	3.1	0.41	0.84	4.2	3	6	NE	6
Benzene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
Toluene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
Ethylbenzene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
m/p-Xylene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
o-Xylene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
PCB Total of 7	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	1	1	NE	NE
Total 17 PAH's	mg/kg	1.4	8.3	2.4	4.5	20	25	47	83	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NE	100	NE	NE
Mineral Oil	mg/kg	< 10	49	2000	970	< 10	13	10	770	21	< 10	12	11	16	12	500	500	NE	NE
Asbestos	% mass	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NE	NE	NE	NE

NAD denotes No Asbestos Detected

* denotes sulphate level exceeding inert waste limit may be considered as complying if the TDS value does not exceed 6,000mg/kg at L/S = 10l/kg.

** denotes a higher limit may be accepted provided the DOC alternative values of 500mg/kg is achieved

*** denotes TDS. The values for TDS can be used to sulphate and chloride.

PAH over 1mg/kg and Mineral Oil over 50 mg/kg exceeds limit at soil recovery site in Ireland

Table 2.5 WAC Results Phase 1

Parameter	Unit	WS1	WS1	WS2	WS2	WS3	WS3	WS4	WS4	WS5	WS5	WS6	WS6	WS7	WS7	Inert Landfill	Inert Landfill Increased Limits	Non-Hazardous Landfill	Hazardous Landfill
Depth	**m**	**1.00-2.00**	**2.00-3.50**	**0.00-1.00**	**2.00-3.00**	**0.00-2.00**	**2.00-3.00**	**0.00-1.00**	**1.00-2.90**	**0.00-2.00**	**2.50-3.50**	**0.00-2.00**	**2.00-4.00**	**0.00-1.00**	**2.00-4.00**				
Antimony	mg/kg	< 0.0050	0.013	0.096	0.041	0.052	0.0062	0.070	0.035	0.054	0.017	0.036	0.065	0.72	0.064	0.06	0.18	0.7	5
Arsenic	mg/kg	0.0045	0.0099	0.054	0.0082	0.020	0.0053	0.059	0.054	0.036	0.032	0.011	0.28	0.39	0.051	0.5	1.5	2	25
Barium	mg/kg	< 0.050	0.17	0.18	0.57	0.60	0.084	0.16	0.44	0.23	0.33	0.66	0.45	0.34	0.14	20	20	100	300
Cadmium	mg/kg	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.033	< 0.0011	0.04	0.04	1	5
Chromium	mg/kg	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.10	0.017	0.0052	0.5	0.5	10	70
Copper	mg/kg	0.0087	0.037	0.075	< 0.0050	0.022	0.013	0.060	0.018	0.053	0.0097	0.010	0.31	0.53	0.19	2	2	50	100
Lead	mg/kg	< 0.0050	< 0.0050	0.022	< 0.0050	< 0.0050	< 0.0050	0.016	0.017	0.036	< 0.0050	< 0.0050	< 0.0050	0.61	0.12	0.5	0.5	10	50
Molybdenum	mg/kg	0.12	0.12	0.55	0.38	0.38	0.12	0.28	0.54	0.23	0.23	0.19	0.37	1.1	0.27	0.5	1.5	10	30
Nickel	mg/kg	< 0.0050	0.012	0.031	0.023	0.024	0.011	0.030	0.036	0.025	0.037	0.054	0.097	0.18	0.097	0.4	0.4	10	40
Selenium	mg/kg	0.0093	0.0095	0.015	0.0091	< 0.0050	0.0069	0.024	0.014	0.014	0.0083	0.017	0.038	0.035	0.025	0.1	0.3	0.5	7
Zinc	mg/kg	0.054	0.030	0.046	0.029	0.10	< 0.025	0.090	0.13	0.12	0.089	0.036	< 0.025	1.9	0.10	4	4	50	200
Mercury	mg/kg	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	0.0018	0.00051	0.01	0.01	0.2	2
Phenol	mg/kg	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	1	1	NE	NE
Fluoride	mg/kg	1.8	1.7	1.5	1.7	1.6	2.8	1.9	1.8	2.7	2.0	2.1	2.1	3.6	2.0	10	10	150	500
Chloride	mg/kg	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	51	78	< 10	800	2,400	15,000	25,000
Sulphate	mg/kg	24	73	250	280	< 10	< 10	130	140	130	110	43	760	240	130	1000*	3,000	20000*	50,000
DOC **	mg/kg	52	96	70	57	74	100	89	110	90	58	55	100	260	130	500	500	800	1,000
pH	pH units	8.2	8.5	8.4	8.0	8.2	8.4	8.5	8.0	7.9	8.3	8.0	8.5	8.2	7.9	NE	NE	NE	NE
TDS ***	mg/kg	780	730	1300	1400	1200	750	1200	1300	1400	1300	950	2100	770	1300	4,000	12,000	60,000	100,000
TOC	%	2.5	0.80	2.2	4.1	1.1	3.3	0.90	1.9	5.2	1.0	10	0.78	6.1	1.7	3	6	NE	6
Benzene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
Toluene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
Ethylbenzene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
m/p-Xylene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
o-Xylene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
PCB Total of 7	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	1	1	NE	NE
Total 17 PAH's	mg/kg	< 1.0	1.7	5.1	< 1.0	3.3	4.9	< 1.0	8.4	< 1.0	12	1.0	2.8	8.6	17	NE	100	NE	NE
Mineral Oil	mg/kg	3600	560	950	180	1500	4400	< 10	840	2000	130	3500	1600	160	4800	500	500	NE	NE
Asbestos	% mass	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NE	NE	NE	NE

NAD denotes No Asbestos Detected

* denotes sulphate level exceeding inert waste limit may be considered as complying if the TDS value does not exceed 6,000mg/kg at L/S = 10l/kg.

** denotes a higher limit may be accepted provided the DOC alternative values of 500mg/kg is achieved

*** denotes TDS. The values for TDS can be used to sulphate and chloride.

PAH over 1mg/kg and Mineral Oil over 50 mg/kg exceeds limit at soil recovery site in Ireland

Table 2.6 WAC Results Phase 1

Parameter	Unit	WS8	WS9	WS9	WS9	WS10	WS10	WS11	WS12	WS12	WS13	WS13	WS14	WS15	WS15	Inert Landfill	Inert Landfill Increased Limits	Non-Hazardous Landfill	Hazardous Landfill
Depth	**m**	**0.00-1.00**	**0.00-1.50**	**1.50-2.50**	**2.50-3.50**	**0.00-1.00**	**1.50-3.00**	**0.00-1.50**	**0.00-2.00**	**2.50-3.50**	**0.50-2.00**	**2.50-4.00**	**0.50-2.00**	**0.50-2.00**	**2.50-4.00**				
Antimony	mg/kg	0.027	0.31	0.028	0.030	0.038	0.052	0.0074	0.0085	0.014	0.050	0.026	0.012	0.0055	0.038	0.06	0.18	0.7	5
Arsenic	mg/kg	0.039	0.21	0.011	0.010	0.025	0.033	0.012	0.0034	0.0054	0.039	0.034	0.028	0.0049	0.0046	0.5	1.5	2	25
Barium	mg/kg	0.36	0.096	0.33	2.9	0.41	0.21	0.22	0.28	0.18	0.21	0.065	0.35	0.18	0.21	20	20	100	300
Cadmium	mg/kg	< 0.0011	0.0029	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.04	0.04	1	5
Chromium	mg/kg	< 0.0050	0.0098	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.011	< 0.0050	< 0.0050	0.5	0.5	10	70
Copper	mg/kg	< 0.0050	0.42	0.011	< 0.0050	0.048	0.0074	0.0069	< 0.0050	< 0.0050	0.023	< 0.0050	0.0086	0.010	< 0.0050	2	2	50	100
Lead	mg/kg	< 0.0050	0.25	< 0.0050	< 0.0050	0.016	0.0089	< 0.0050	< 0.0050	< 0.0050	0.015	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.5	0.5	10	50
Molybdenum	mg/kg	0.50	0.086	0.21	0.21	0.31	0.81	0.038	0.64	0.61	0.32	1.5	0.20	0.032	0.18	0.5	1.5	10	30
Nickel	mg/kg	0.020	0.047	0.020	0.018	0.042	0.034	< 0.0050	0.011	0.016	0.030	0.012	< 0.0050	< 0.0050	0.013	0.4	0.4	10	40
Selenium	mg/kg	0.0076	0.063	0.0080	0.0058	0.0051	0.011	0.011	0.0067	0.025	0.0098	0.082	0.034	0.011	0.0084	0.1	0.3	0.5	7
Zinc	mg/kg	0.057	0.11	0.061	0.037	0.045	0.11	0.045	0.042	< 0.025	0.082	0.027	0.036	0.048	< 0.025	4	4	50	200
Mercury	mg/kg	< 0.00050	0.0015	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	0.01	0.01	0.2	2
Phenol	mg/kg	< 0.30	< 0.30	< 0.30	4.2	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	1	1	NE	NE
Fluoride	mg/kg	2.1	1.8	2.6	1.9	2.2	2.6	2.0	5.5	6.7	1.9	4.0	3.2	1.3	2.1	10	10	150	500
Chloride	mg/kg	< 10	45	< 10	< 10	< 10	85	< 10	11	440	< 10	300	< 10	< 10	13	800	2,400	15,000	25,000
Sulphate	mg/kg	200	290	150	30	110	190	2000	5400	650	110	280	300	3500	960	1000*	3,000	20000*	50,000
DOC **	mg/kg	93	62	100	69	84	77	< 50	< 50	< 50	< 50	< 50	55	< 50	< 50	500	500	800	1,000
pH	pH units	10.4	8.7	8.8	8.4	8.4	8.6	8.4	7.9	8.2	8.2	8.3	8.4	8.1	8.0	NE	NE	NE	NE
TDS ***	mg/kg	1100	1100	1000	1000	1100	1200	2700	6400	1200	2800	1100	670	4300	2000	4,000	12,000	60,000	100,000
TOC	%	9.9	0.64	0.60	0.45	1.4	0.47	12	1.7	0.42	7.4	1.0	2.0	0.90	0.65	3	6	NE	6
Benzene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	0.0018	< 0.001	< 0.001	< 0.001	0.0013	6	6	NE	NE
Toluene	mg/kg	0.0052	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
Ethylbenzene	mg/kg	< 0.001	< 0.001	0.0460	0.0072	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
m/p-Xylene	mg/kg	0.0230	< 0.001	0.0350	0.0130	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
o-Xylene	mg/kg	0.0440	< 0.001	< 0.001	0.0098	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
PCB Total of 7	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	1	1	NE	NE
Total 17 PAH's	mg/kg	26	370	130	200	1.9	6.3	5.0	1.4	1.3	6.8	25	3.5	8.8	5.0	NE	100	NE	NE
Mineral Oil	mg/kg	54000	2000	3800	170	110	2200	95	79	96	120	110	90	94	80	500	500	NE	NE
Asbestos	% mass	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NE	NE	NE	NE

NAD denotes No Asbestos Detected

* denotes sulphate level exceeding inert waste limit may be considered as complying if the TDS value does not exceed 6,000mg/kg at L/S = 10l/kg.

** denotes a higher limit may be accepted provided the DOC alternative values of 500mg/kg is achieved

*** denotes TDS. The values for TDS can be used to sulphate and chloride.

PAH over 1mg/kg and Mineral Oil over 50 mg/kg exceeds limit at soil recovery site in Ireland

Table 2.7 WAC Results Phase 2

Parameter	Unit	WS16	WS16	WS17	WS17	WS19	WS21	WS21	WS20	WS20	WS18	Inert Landfill	Inert Landfill Increased Limits	Non-Hazardous Landfill	Hazardous Landfill
Depth	**m**	**1.7**	**2.7**	**1.6**	**2.1**	**1.3**	**1.5**	**2.5**	**1.8**	**1.0**	**0.3**				
Antimony	mg/kg	< 0.0050	0.059	0.0093	0.029	0.013	0.028	0.045	0.029	0.015	0.0092	0.06	0.18	0.7	5
Arsenic	mg/kg	0.0046	0.0074	0.0033	0.0088	0.0090	0.055	0.018	0.051	0.0081	0.0058	0.5	1.5	2	25
Barium	mg/kg	0.57	1.4	0.37	0.38	0.25	0.57	0.16	0.21	0.20	0.27	20	20	100	300
Cadmium	mg/kg	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.04	0.04	1	5
Chromium	mg/kg	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.025	0.027	0.026	0.037	0.024	< 0.0050	0.5	0.5	10	70
Copper	mg/kg	0.013	< 0.0050	0.011	< 0.0050	0.012	0.015	0.0061	0.031	0.0096	0.014	2	2	50	100
Lead	mg/kg	< 0.0050	< 0.0050	0.0052	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.0065	< 0.0050	< 0.0050	0.5	0.5	10	50
Molybdenum	mg/kg	1.3	1.5	0.034	1.8	0.029	0.058	0.16	0.39	0.48	0.021	0.5	1.5	10	30
Nickel	mg/kg	0.0078	0.046	< 0.0050	0.018	0.025	0.024	0.044	0.026	0.027	< 0.0050	0.4	0.4	10	40
Selenium	mg/kg	0.025	0.012	0.0069	0.0054	0.025	0.044	0.026	0.032	0.024	0.013	0.1	0.3	0.5	7
Zinc	mg/kg	0.046	0.064	0.063	0.039	0.046	< 0.025	0.040	0.069	0.040	0.075	4	4	50	200
Mercury	mg/kg	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	0.01	0.01	0.2	2
Phenol	mg/kg	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	1	1	NE	NE
Fluoride	mg/kg	2.3	1.7	1.2	4.0	2.2	1.4	1.5	1.6	1.8	1.3	10	10	150	500
Chloride	mg/kg	68	110	< 10	720	< 10	< 10	83	11	< 10	< 10	800	2,400	15,000	25,000
Sulphate	mg/kg	1300	470	1100	200	2100	310	130	280	460	2600	1000*	3,000	20000*	50,000
DOC **	mg/kg	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	500	500	800	1,000
pH	pH units	8.0	8.5	8.1	8.4	7.9	8.2	8.2	8.4	8.3	8.1	NE	NE	NE	NE
TDS ***	mg/kg	2200	1300	1700	1400	2900	820	1000	850	1300	3300	4,000	12,000	60,000	100,000
TOC	%	0.85	1.1	1.5	0.76	2.9	1.2	0.47	0.45	3.2	2.6	3	6	NE	6
Benzene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
Toluene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
Ethylbenzene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
m/p-Xylene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
o-Xylene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
PCB Total of 7	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	1	1	NE	NE
Total 17 PAH's	mg/kg	1.6	< 1.0	< 1.0	< 1.0	< 1.0	6.4	< 1.0	< 1.0	29	< 1.0	NE	100	NE	NE
Mineral Oil	mg/kg	13	17	< 10	130	< 10	< 10	< 10	< 10	< 10	< 10	500	500	NE	NE
Asbestos	% mass	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NE	NE	NE	NE

NAD denotes No Asbestos Detected

* denotes sulphate level exceeding inert waste limit may be considered as complying if the TDS value does not exceed 6,000mg/kg at L/S = 10l/kg.

** denotes a higher limit may be accepted provided the DOC alternative values of 500mg/kg is achieved

*** denotes TDS. The values for TDS can be used to sulphate and chloride.

PAH over 1mg/kg and Mineral Oil over 50 mg/kg exceeds limit at soil recovery site in Ireland

Table 2.8 WAC Results Phase 2

Parameter	Unit	WS23	WS24	WS24	WS25	WS25	WS27	WS27	WS28	WS28	Inert Landfill	Inert Landfill Increased Limits	Non-Hazardous Landfill	Hazardous Landfill
Depth	**m**	**0.3**	**0.5**	**1.5**	**0.3**	**1.5**	**0.3**	**1.0**	**0.3**	**1.0**				
Antimony	mg/kg	0.016	0.022	0.035	0.020	0.0082	0.022	0.059	0.018	0.0091	0.06	0.18	0.7	5
Arsenic	mg/kg	0.030	0.023	0.013	0.041	0.0063	0.024	0.023	0.039	0.0075	0.5	1.5	2	25
Barium	mg/kg	0.081	0.11	0.23	0.071	0.053	0.083	0.37	< 0.050	< 0.050	20	20	100	300
Cadmium	mg/kg	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	< 0.0011	0.04	0.04	1	5
Chromium	mg/kg	< 0.0050	< 0.0050	< 0.0050	0.032	< 0.0050	< 0.0050	0.020	< 0.0050	< 0.0050	0.5	0.5	10	70
Copper	mg/kg	0.035	0.051	0.010	0.079	0.0097	0.024	0.013	0.098	0.021	2	2	50	100
Lead	mg/kg	0.014	0.056	< 0.0050	0.045	< 0.0050	0.0080	< 0.0050	0.025	< 0.0050	0.5	0.5	10	50
Molybdenum	mg/kg	0.041	0.038	0.22	0.058	0.11	0.12	0.19	0.14	0.28	0.5	1.5	10	30
Nickel	mg/kg	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	0.035	0.010	0.0072	0.4	0.4	10	40
Selenium	mg/kg	0.0071	0.0083	< 0.0050	0.0072	0.0092	0.0065	< 0.0050	0.011	< 0.0050	0.1	0.3	0.5	7
Zinc	mg/kg	0.054	0.052	0.044	0.18	0.091	0.049	0.056	0.094	0.029	4	4	50	200
Mercury	mg/kg	< 0.00050	< 0.00050	< 0.00050	0.00054	< 0.00050	< 0.00050	< 0.00050	0.0011	< 0.00050	0.01	0.01	0.2	2
Phenol	mg/kg	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	1	1	NE	NE
Fluoride	mg/kg	3.7	3.3	3.3	5.1	2.4	1.7	1.9	1.6	4.1	10	10	150	500
Chloride	mg/kg	15	15	< 10	100	31	< 10	< 10	12	< 10	800	2,400	15,000	25,000
Sulphate	mg/kg	160	200	68	79	66	94	55	< 10	48	1000*	3,000	20000*	50,000
DOC **	mg/kg	< 50	< 50	< 50	58	< 50	< 50	< 50	64	< 50	500	500	800	1,000
pH	pH units	8.1	7.9	8.0	8.0	7.9	8.2	7.8	8.1	8.4	NE	NE	NE	NE
TDS ***	mg/kg	880	860	710	9300	690	800	830	590	660	4,000	12,000	60,000	100,000
TOC	%	6.9	8.1	0.55	9.7	0.91	5.8	1.8	1.9	1.1	3	6	NE	6
Benzene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
Toluene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
Ethylbenzene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
m/p-Xylene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
o-Xylene	mg/kg	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	6	6	NE	NE
PCB Total of 7	mg/kg	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	1	1	NE	NE
Total 17 PAH's	mg/kg	140	86	1.2	70	< 1.0	7.0	< 1.0	2.5	< 1.0	NE	100	NE	NE
Mineral Oil	mg/kg	21	29	5100	24	23	76	3500	39	1200	500	500	NE	NE
Asbestos	% mass	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NE	NE	NE	NE

NAD denotes No Asbestos Detected

* denotes sulphate level exceeding inert waste limit may be considered as complying if the TDS value does not exceed 6,000mg/kg at L/S = 10l/kg.

** denotes a higher limit may be accepted provided the DOC alternative values of 500mg/kg is achieved

*** denotes TDS. The values for TDS can be used to sulphate and chloride.

PAH over 1mg/kg and Mineral Oil over 50 mg/kg exceeds limit at soil recovery site in Ireland

2.4 Waste Management Options

The EPA has issued guidance on acceptance criteria for a range of parameters for soil recovery sites. This includes;

- Metals (solid conc. not leachability) in soil and stone (including As, Cd, Cr, Cu, Hg, Ni, Pub, Zn);
- Total organic carbon in soil and stone;
- Total BTEX (benzene, toluene, ethylbenzene, xylenes) in soil and stone;
- Mineral oil in soil and stone;
- Polycyclic aromatic hydrocarbons (PAHs) in soil and stone;
- Polychlorinated Biphenyls (PCBs) in soil and stone;
- Asbestos fibres in soil and stone.

The guidance requires that soils from brownfield sites should not exceed the limits for the parameters specified in Table 2.9 and 2.10. For metals limits have been specified for a range of soil types nationally separated into six domain areas.

The soil recovery limits do not apply to samples of Made Ground which are classified as 17 09 04 or to samples which exceed the inert WAC.

Table 2.6 Soil Recovery Site Criteria

Parameter	Limit for Soil Recovery Sites
Total BTEX	0.05 mg/kg
Mineral Oil	50 mg/kg
Total PAHs	1 mg/kg
Total PCBs	0.05 mg/kg

Material from this site is not suitable for removal to soil recovery facilities due to the presence of Hydrocarbons detected in samples from across the site.

The soil and stone cannot be sent to soil recovery sites if the trigger levels for a particular domain are exceeded. There is however some flexibility in applying the limits. A derogation applies where up to three parameters can exceed the limit for a sample provided the concentration in the samples is no more than 1.5 times the trigger level. The site which is subject to this investigation is located in Domain 2 and the trigger levels are listed in Table 2.7.

Table 2.7 Soil Recovery Trigger Levels

		Domain 2 Trigger Level	1.5 times Trigger Level
Arsenic	**mg/kg**	24.90	37.35
Cadmium	**mg/kg**	3.28	4.92
Chromium	**mg/kg**	50.30	75.45
Copper	**mg/kg**	63.50	95.25
Mercury	**mg/kg**	0.36	0.54
Nickel	**mg/kg**	61.90	92.85
Lead	**mg/kg**	86.10	129.15
Zinc	**mg/kg**	197.00	295.5

Waste management options are summarised on Table 2.11 and 2.12. All are subject to approval of the waste management facility operators. Class B-1 wastes are suitable for disposal to inert landfill. Class B-2 wastes are suitable for disposal to inert landfill with increased limits. Class C wastes are suitable for disposal to Non-Hazardous Landfill. Class D wastes are suitable for disposal to hazardous landfill.

Table 2.11 Waste Management Options Initial (Phase 1) Investigation

Sample No.	Depth	LoW Code	Category	Sample No.	Depth	LoW Code	Category
BH01	1.00	17 05 04	B-2	WS1	1.00-2.00	17 05 03	D
BH02A	1.00	17 05 04	C	WS1	2.00-3.50	17 05 04	C
BH03	2.00	17 05 04	B-1	WS2	0.00-1.00	17 05 04	C
BH03	3.00	17 05 04	B-2	WS2	2.00-3.00	17 05 04	B-2
BH04	1.00	17 05 04	C	WS3	0.00-2.00	17 05 03	D
BH05	2.00	17 05 04	B-1	WS4	0.00-1.00	17 05 03	D
BH06	1.00	17 05 04	C	WS4	1.00-2.90	17 05 04	B-2
BH07	2.00	17 05 04	B-2	WS5	0.00-2.00	17 05 04	C
BH08	1.00	17 05 04	B-2	WS5	2.50-3.50	17 05 03	D
BH09	1.00	17 05 04	C	WS6	0.00-2.00	17 05 04	B-1
BH10	2.00	17 05 03	D	WS6	2.00-4.00	17 05 03	D
BH11	1.00	17 05 04	B-2	WS3	2.00-3.00	17 05 03	D
BH12	1.00	17 05 04	B-1	WS7	0.00-1.00	17 05 04	C
BH13	1.00	17 05 04	B-2	WS7	2.00-4.00	17 05 03	D
BH14	1.00	17 05 04	B-2	WS8	0.00-1.00	17 05 03	D
TP01	0.70	17 05 04	C	WS9	0.00-1.50	17 05 03	D
TP01	1.50	17 05 03	D	WS9	1.50-2.50	17 05 03	D
TP01	2.30	17 05 04	C	WS9	2.50-3.50	17 05 04	C
TP02	0.70	17 05 04	B-2	WS10	0.00-1.00	17 05 04	B-1
TP03	0.50	17 05 04	B-2	WS10	1.50-3.00	17 05 03	D
TP04	0.70	17 05 04	B-2	WS11	0.00-1.50	17 05 04	C
TP05	0.40	17 05 03	D	WS12	0.00-2.00	17 05 04	C
TP05	1.60	17 05 04	B-1	WS12	2.50-3.50	17 05 04	B-2
TP06	1.80	17 05 04	B-2	WS13	0.50-2.00	17 05 04	C
TP07	0.60	17 05 04	C	WS13	2.50-4.00	17 05 04	B-2
TP08	1.40	17 05 04	B-1	WS14	0.50-2.00	17 05 04	B-1
TP10	1.60	17 05 04	B-1	WS15	0.50-2.00	17 05 04	C
TP11	1.30	17 05 04	B-2	WS15	2.50-4.00	17 05 04	B-1

B-1	Suitable for disposal to Inert Landfill
B-2	Suitable for disposal to Inert Landfill with increased limits
C	Suitable for disposal to Non-Hazardous Landfill
D	Suitable for disposal to Hazardous Landfill

Table 2.12 Waste Management Options (Phase 2) June 2024

Sample No.	Depth	Classification	LoW Code	Category
WS16	1.7	Non-Hazardous	17 05 04	B-2
WS16	2.7	Non-Hazardous	17 05 04	B-2
WS17	1.6	Non-Hazardous	17 05 04	B-2
WS17	2.1	Non-Hazardous	17 05 04	C
WS18	0.3	Non-Hazardous	17 05 04	B-2
WS19	1.3	Non-Hazardous	17 05 04	B-1
WS20	1.0	Non-Hazardous	17 05 04	B-1
WS20	1.8	Non-Hazardous	17 05 04	B-1
WS21	1.5	Non-Hazardous	17 05 04	B-2
WS21	2.5	Non-Hazardous	17 05 04	B-2
WS23	0.3	Non-Hazardous	17 05 04	C
WS24	0.5	Non-Hazardous	17 05 04	C
WS24	1.5	Hazardous	17 05 03	D
WS25	0.3	Non-Hazardous	17 05 04	C
WS25	1.5	Non-Hazardous	17 05 04	B-1
WS27	0.3	Non-Hazardous	17 05 04	B-2
WS27	1.0	Hazardous	17 05 03	D
WS28	0.3	Non-Hazardous	17 05 04	B-1
WS28	1.0	Hazardous	17 05 03	D

B-1	Suitable for disposal to Inert Landfill
B-2	Suitable for disposal to Inert Landfill with increased limits
C	Suitable for disposal to Non-Hazardous Landfill
D	Suitable for disposal to Hazardous Landfill

3 CONCLUSIONS AND RECOMMENDATIONS

3.1 Conclusions

3.1.1 *Waste Classification*

Phase 1;

Asbestos was not detected in any of the samples tested.

The samples from BH10 (2.00m), TP01 (1.50m), TP05 (0.40m), WS1 (1.00-2.00m), WS3 (0.00-2.00m and 2.00-3.00m), WS4 (0.00-1.00m), WS5 (2.50-3.50m), WS6 (2.00-4.00m), WS7 (2.00-4.00), WS8 (0.00-1.00m), WS9 (0.00-1.50 and 1.50-2.50m) and WS10 (1.50-3.00m) are classified as hazardous for Total Petroleum Hydrocarbons (TPH) concentrations and the appropriate List of Waste Code is 17 05 03 (Soil and Stone containing hazardous substances).

All other samples are classified as non-hazardous and the appropriate List of Waste Code is 17 05 04 (Soil and Stone other than those mentioned in 17 05 03*).

Phase 2;

Asbestos was not detected in any of the samples tested.

The samples from WS24 (1.5m), WS27 (1.0m) and WS28 (1.0m) in the June 2024 investigation are classified as hazardous for Total Petroleum Hydrocarbons (TPH) concentrations and the appropriate List of Waste Code is 17 05 03 (Soil and Stone containing hazardous substances).

All other samples in the June 2024 investigation are classified as non-hazardous and the appropriate List of Waste Code is 17 05 04 (Soil and Stone other than those mentioned in 17 05 03*).

If the soils have to be removed from the site the disposal options are outlined in Section 2.4 and a layered excavation plan is contained in Appendix 4.

The source of hydrocarbon contamination on the site appear to be an underground oil storage tank located in the north of the site.

3.2 Recommendations

OCM recommend that a copy of this report be provided in full to the relevant waste management facilities to which the made ground and subsoils will be consigned to confirm its suitability for acceptance.

If consideration is being given to retaining hydrocarbon contaminated soils on site, then a Detailed Quantitative Risk Assessment would be required to establish if that is feasible.

Appendix 1

Trial Pit and Borehole Logs

TRIAL PIT RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**TRIAL PIT NO.**	**TP01**
		SHEET	Sheet 1 of 1
LOGGED BY	IR	**CO-ORDINATES**	714,473.89 E 734,871.82 N
		DATE STARTED	14/11/2023
		DATE COMPLETED	14/11/2023
CLIENT	NDFA	**GROUND LEVEL (m)**	13.52
ENGINEER	MORCE	**EXCAVATION METHOD**	5T tracked excavator

Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Samples: Sample Ref	Samples: Type	Samples: Depth	Vane Test (KPa)	Hand Penetrometer (KPa)
0.0 CONCRETE									
MADE GROUND comprised of dark grey/brown sandy gravelly Clay with red brick, concrete rubble, sea shells, pottery pieces and mortar.		0.30	13.22		AA209906	B	0.70		
1.0 Soft brownish grey sandy gravelly CLAY with a medium cobbles content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Cobbles are subangular to subrounded. - Strong hydrocarbon contamination.		0.95	12.57		AA209907	B	1.50		
2.0 Firm grey brown slightly sandy gravelly SILT/CLAY with a medium subangular to subrounded cobbles content. Gravel is subangular to subrounded fine to coarse. Strong hydrocarbon contamination.		1.90	11.62	1 (Moderate)	AA209908	B	2.30		
Pit terminated due to major instability from 1.90m End of Trial Pit at 2.50m		2.50	11.02						

Groundwater Conditions
Moderate water flow at 2.30m

Stability
TP unstable

General Remarks
Strong hydrocarbon contamination from 0.95m

TRIAL PIT RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**TRIAL PIT NO.**	**TP02**
		SHEET	Sheet 1 of 1
LOGGED BY	IR	**CO-ORDINATES**	714,449.45 E 734,846.37 N
		DATE STARTED	15/11/2023
		DATE COMPLETED	15/11/2023
CLIENT	NDFA	**GROUND LEVEL (m)**	13.22
		EXCAVATION METHOD	5T tracked excavator
ENGINEER	MORCE		

Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Samples: Sample Ref	Samples: Type	Samples: Depth	Vane Test (KPa)	Hand Penetrometer (KPa)
0.0 Reinforced CONCRETE		0.17	13.05						
MADE GROUND comprised of dark grey/black cemented ASH Gravel with red brick fragments, small pottery and glass shards and cobbles.					AA204950	B	0.70		
1.0									
Pit terminated due to cemented stratum End of Trial Pit at 1.50m		1.50	11.72						
2.0									

Groundwater Conditions
Dry

Stability
Good

General Remarks
Pit terminated at 1.50m due to slow progress in very stiff stratum.

TRIAL PIT RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**TRIAL PIT NO.**	**TP03**
		SHEET	Sheet 1 of 1
LOGGED BY	IR	**CO-ORDINATES**	714,421.78 E 734,868.01 N
		DATE STARTED	14/11/2023
		DATE COMPLETED	14/11/2023
CLIENT	NDFA	**GROUND LEVEL (m)**	13.38
ENGINEER	MORCE	**EXCAVATION METHOD**	5T tracked excavator

Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Samples: Sample Ref	Samples: Type	Samples: Depth	Vane Test (KPa)	Hand Penetrometer (KPa)
0.0 CONCRETE		0.17	13.21						
MADE GROUND comprised of black sandy gravelly Clay with red brick, mortar, roots, concrete blocks, old cable and ash fill.		0.55	12.83		AA204947	B	0.50		
Soft brown slightly sandy slightly gravelly CLAY with some roots and occasional red brick pieces (MADE GROUND)		0.85	12.53						
Soft yellowish brown slightly sandy CLAY		1.10	12.28						
1.0 Soft brown slightly sandy slightly gravelly CLAY with a low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Cobbles are subangular.				1 (Slow)	AA204948	B	1.30		
Firm to stiff greyish brown slightly sandy slightly gravelly CLAY with a high cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Cobbles are subangular to subrounded.		1.80	11.58						
2.0					AA204949	B	2.00		
End of Trial Pit at 2.50m		2.50	10.88						

Groundwater Conditions
Slow water flow at 1.70m

Stability
TP unstable up to 1.80m

General Remarks
Soakaway test carried out in pit - see SA03 log

TRIAL PIT RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**TRIAL PIT NO.**	**TP04**
		SHEET	Sheet 1 of 1
LOGGED BY	IR	**CO-ORDINATES**	714,426.62 E 734,855.46 N
		DATE STARTED	14/11/2023
		DATE COMPLETED	14/11/2023
CLIENT	NDFA	**GROUND LEVEL (m)**	13.52
ENGINEER	MORCE	**EXCAVATION METHOD**	5T tracked excavator

Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Samples: Sample Ref	Samples: Type	Samples: Depth	Vane Test (KPa)	Hand Penetrometer (KPa)
0.0 CONCRETE									
MADE GROUND comprised of dark grey/black sandy gravelly Clay with red brick fragments, mortar and sea shells		0.14	13.38		AA204944	B	0.70		
1.0 Soft brown sandy slightly gravelly CLAY with a low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Cobbles are subangular to subrounded.		1.10	12.42		AA204945	B	1.40		
2.0 Very soft brown slightly sandy gravelly CLAY with a medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Cobbles are subangular to subrounded. (Possible very clayey sandy gravel)		1.90	11.62	1 (Slow)	AA204946	B	2.20		
End of Trial Pit at 2.70m		2.70	10.82						

Groundwater Conditions
Slow water flow at 2.50m

Stability
TP slightly unstable

General Remarks
Foundation of existing building exposed - see FP04 log.

TRIAL PIT RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**TRIAL PIT NO.**	**TP05**
		SHEET	Sheet 1 of 1
LOGGED BY	IR	**CO-ORDINATES**	714,411.29 E 734,836.48 N
		DATE STARTED	14/11/2023
		DATE COMPLETED	14/11/2023
CLIENT	NDFA	**GROUND LEVEL (m)**	13.43
ENGINEER	MORCE	**EXCAVATION METHOD**	5T tracked excavator

Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Samples: Sample Ref	Samples: Type	Samples: Depth	Vane Test (KPa)	Hand Penetrometer (KPa)
0.0 CONCRETE		0.18	13.25						
MADE GROUND comprised of (very dense) dark grey sandy Gravel. Strong hydrocarbon contamination up to 0.50m.		0.50	12.93		AA209902	B	0.40		
MADE GROUND comprised of dark grey and grey black sandy gravelly Clay with red brick, pottery fragments and mortar.		1.20	12.23		AA209903	B	0.90		
1.0 Soft to firm brown sandy gravelly CLAY with a low cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Cobbles are subangular.		1.90	11.53		AA209904	B	1.60		
2.0 Firm brown slightly sandy gravelly SILT/CLAY with a high subangular to subrounded cobble content. Gravel is subangular to subrounded fine to coarse.				1 (Moderate)	AA209905	B	2.40		
End of Trial Pit at 2.60m		2.60	10.83						

Groundwater Conditions
Moderate water flow at 2.30m

Stability
TP slightly unstable

General Remarks
Foundation of existing building exposed - see FP05 log.

TRIAL PIT RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**TRIAL PIT NO.**	**TP06**
		SHEET	Sheet 1 of 1
LOGGED BY	IR	**CO-ORDINATES**	714,418.77 E 734,823.85 N
		DATE STARTED	15/11/2023
		DATE COMPLETED	15/11/2023
CLIENT	NDFA	**GROUND LEVEL (m)**	13.52
ENGINEER	MORCE	**EXCAVATION METHOD**	5T tracked excavator

Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Samples: Sample Ref	Samples: Type	Samples: Depth	Vane Test (KPa)	Hand Penetrometer (KPa)
0.0 Reinforced CONCRETE									
MADE GROUND comprised of grey slightly sandy angular Gravel with many angular small cobbles		0.18	13.34						
					AA209912	B	0.80		
1.0									
					AA209913	B	1.80		
2.0 Pit terminated due to major instability End of Trial Pit at 2.00m		2.00	11.52						

Groundwater Conditions
Dry

Stability
TP very unstable

General Remarks
Foundation of existing building exposed - see FP06 log.

TRIAL PIT RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**TRIAL PIT NO.**	**TP07**
		SHEET	Sheet 1 of 1
LOGGED BY	IR	**CO-ORDINATES**	714,447.13 E 734,824.46 N
		DATE STARTED	15/11/2023
		DATE COMPLETED	15/11/2023
CLIENT	NDFA	**GROUND LEVEL (m)**	13.10
ENGINEER	MORCE	**EXCAVATION METHOD**	5T tracked excavator

Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Samples: Sample Ref	Samples: Type	Samples: Depth	Vane Test (KPa)	Hand Penetrometer (KPa)
0.0 Reinforced CONCRETE									
MADE GROUND comprised of dark grey black sandy gravelly Clay with angular gravel, brown fine sand, ash and pottery fragments, cobbles.		0.23	12.87						
0.65m - 50mm diameter gas pipe					AA209909	B	0.60		
1.0 Firm brown slightly sandy slightly gravelly SILT/CLAY with a high cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Cobbles are subangular.		1.10	12.00						
					AA209910	B	1.40		
2.0									
					AA209911	B	2.40		
End of Trial Pit at 2.50m		2.50	10.60						

Groundwater Conditions
Dry

Stability
Good

General Remarks
50mm diameter gas pipe found at 0.65m depth. Foundation of existing building exposed - see FP07 log.

TRIAL PIT RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**TRIAL PIT NO.**	**TP08**
		SHEET	Sheet 1 of 1
LOGGED BY	IR	**CO-ORDINATES**	714,476.36 E 734,792.97 N
		DATE STARTED	21/11/2023
		DATE COMPLETED	21/11/2023
CLIENT	NDFA	**GROUND LEVEL (m)**	11.50
ENGINEER	MORCE	**EXCAVATION METHOD**	5T tracked excavator

Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Samples: Sample Ref	Samples: Type	Samples: Depth	Vane Test (KPa)	Hand Penetrometer (KPa)
0.0 Reinforced CONCRETE									
MADE GROUND comprised of dark grey slightly clayey angular Gravel and cobbles		0.23	11.27						
Firm to stiff brown slightly sandy gravelly CLAY with a medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Cobbles are subangular to subrounded.		0.40	11.10		AA209920	B	0.60		
1.0									
					AA209921	B	1.40		
2.0									
Stiff to very stiff brown slightly sandy gravelly CLAY with a high cobble and low boulder content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Cobbles and boulders are subangular to subrounded.		2.10	9.40		AA209922	B	2.40		
End of Trial Pit at 2.70m		2.70	8.80						

Groundwater Conditions
Dry

Stability
Good

General Remarks

IGSL TP LOG 25000 - SITE1.GPJ IGSL.GDT 20/2/24

TRIAL PIT RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**TRIAL PIT NO.**	**TP09**
		SHEET	Sheet 1 of 1
LOGGED BY	IR	**CO-ORDINATES**	714,504.84 E 734,808.03 N
		DATE STARTED	20/11/2023
		DATE COMPLETED	20/11/2023
CLIENT	NDFA	**GROUND LEVEL (m)**	11.67
ENGINEER	MORCE	**EXCAVATION METHOD**	5T tracked excavator

Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Samples: Sample Ref	Samples: Type	Samples: Depth	Vane Test (KPa)	Hand Penetrometer (KPa)
0.0 Reinforced CONCRETE									
MADE GROUND comprised of grey to dark grey sandy gravelly Clay with angular gravel fragments, red brick and mortar.		0.30	11.37		AA209916	B	0.50		
Pit terminated due to concrete slab obstruction End of Trial Pit at 0.65m		0.65	11.02						
1.0									
2.0									

Groundwater Conditions
Dry

Stability
Good

General Remarks
TP terminated at 0.65m due to possible concrete slab - unable to repeat hole due to underground services. Foundation of existing building exposed - see FP09 log.

TRIAL PIT RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**TRIAL PIT NO.**	**TP10**
		SHEET	Sheet 1 of 1
LOGGED BY	IR	**CO-ORDINATES**	714,503.50 E 734,795.56 N
		DATE STARTED	20/11/2023
		DATE COMPLETED	20/11/2023
CLIENT	NDFA	**GROUND LEVEL (m)**	11.47
		EXCAVATION METHOD	5T tracked excavator
ENGINEER	MORCE		

Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Samples: Sample Ref	Samples: Type	Samples: Depth	Vane Test (KPa)	Hand Penetrometer (KPa)
0.0 Reinforced CONCRETE									
MADE GROUND comprised of grey slightly clayey slightly sandy angular Gravel and Cobbles 0.35m - 200mm concrete pipe at front of pit		0.22	11.25		AA209914	B	0.70		
1.0									
MADE GROUND comprised of brown mottled grey sandy gravelly Clay with red brick, mortar and shells fragments.		1.50	9.97		AA209915	B	1.60		
2.0 Pit terminated due to major instability End of Trial Pit at 2.00m		2.00	9.47						

Groundwater Conditions
Dry

Stability
TP very unstable up to 1.50m

General Remarks
TP terminated at 2.0m due to major instability.

TRIAL PIT RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**TRIAL PIT NO.**	**TP11**
		SHEET	Sheet 1 of 1
LOGGED BY	IR	**CO-ORDINATES**	714,521.20 E 734,818.77 N
		DATE STARTED	21/11/2023
		DATE COMPLETED	21/11/2023
CLIENT	NDFA	**GROUND LEVEL (m)**	11.99
ENGINEER	MORCE	**EXCAVATION METHOD**	5T tracked excavator

Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Samples: Sample Ref	Samples: Type	Samples: Depth	Vane Test (KPa)	Hand Penetrometer (KPa)
0.0 Reinforced CONCRETE									
MADE GROUND comprised of grey slightly clayey angular Gravel and Cobbles		0.20	11.79		AA209917	B	0.80		
1.0 MADE GROUND comprised of dark grey mottled grey sandy gravelly Clay with red brick and mortar fragments		1.25	10.74		AA209918	B	1.30		
Soft brown slightly sandy gravelly SILT with a medium cobble content. Sand is fine to coarse. Gravel is subangular to subrounded fine to coarse. Cobbles are angular to subangular.		1.60	10.39		AA209919	B	1.80		
2.0 Pit terminated due to major instability End of Trial Pit at 2.20m		2.20	9.79						

Groundwater Conditions
Dry

Stability
TP very unstable up to 1.20m

General Remarks
Soakaway test carried out in pit - see SA11 log. TP terminated at 2.20m due to major instability. Foundation of existing building exposed - see FP11 log.

GEOTECHNICAL BORING RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**BOREHOLE NO.**	**BH01**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,499.00 E 734,869.00 N	**RIG TYPE**	Dando 2000
		BOREHOLE DIAMETER (mm)	200
GROUND LEVEL (mOD)	13.50	**BOREHOLE DEPTH (m)**	5.00
		DATE COMMENCED	05/12/2023
		DATE COMPLETED	06/12/2023
CLIENT	NDFA	**SPT HAMMER REF. NO.**	WB1
		BORED BY	WB
ENGINEER	MORCE	**ENERGY RATIO (%)**	80.95
		PROCESSED BY	FC

Depth (m)	Description	Legend	Elevation	Depth (m)	Samples: Ref. Number	Sample Type	Depth (m)	Recovery	Field Test Results	Standpipe Details
0	CONCRETE		13.20	0.30						
1	MADE GROUND comprised of Sand and Gravel with red brick and steel fragments		12.00	1.50	AA198277	B	1.00		N = 9 (1, 2, 2, 2, 3, 2)	
2	Firm to stiff brown sandy gravelly CLAY with occasional cobbles				AA198278	B	2.00		N = 15 (2, 3, 3, 3, 4, 5)	
3			9.90	3.60	AA198279	B	3.00		N = 31 (2, 3, 4, 6, 9, 12)	
4	Stiff to very stiff black slightly sandy gravelly CLAY with occasional cobbles		8.50	5.00	AA198280	B	4.00		N = 28 (2, 4, 4, 5, 9, 10)	
5	Obstruction End of Borehole at 5.00 m				AA198281	B	5.00		N = 50/75 mm (25, 50)	
6										
7										
8										
9										

HARD STRATA BORING/CHISELLING

From (m)	To (m)	Time (h)	Comments

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike

GROUNDWATER PROGRESS

Date	Hole Depth	Casing Depth	Depth to Water	Comments

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

REMARKS Borehole sited internally in shed. CAT scanned location and hand dug inpection pit carried out.

Sample Legend
D - Small Disturbed (tub)
B - Bulk Disturbed
LB - Large Bulk Disturbed
Env - Environmental Sample (Jar + Vial + Tub)
UT - Undisturbed 100mm Diameter Sample
P - Undisturbed Piston Sample
W - Water Sample

IGSL BH LOG 25000 - SITE1.GPJ IGSL.GDT 20/2/24

GEOTECHNICAL BORING RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**BOREHOLE NO.**	**BH02**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,473.99 E 734,857.08 N	**RIG TYPE**	Dando 2000
		BOREHOLE DIAMETER (mm)	200
GROUND LEVEL (mOD)	13.56	**BOREHOLE DEPTH (m)**	0.70
		DATE COMMENCED	01/11/2023
		DATE COMPLETED	01/11/2023
CLIENT	NDFA	**SPT HAMMER REF. NO.**	WB1
ENGINEER	MORCE	**ENERGY RATIO (%)**	80.95
		BORED BY	WB
		PROCESSED BY	FC

Depth (m)	Description	Legend	Elevation	Depth (m)	Samples: Ref. Number	Samples: Sample Type	Samples: Depth (m)	Samples: Recovery	Field Test Results	Standpipe Details
0	CONCRETE		13.26	0.30						
	MADE GROUND comprised of brown sandy gravelly Clay with cobbles and red brick fragments		13.06	0.50						
	MADE GROUND comprised of black sandy gravelly Clay with cobbles and red brick fragments		12.86	0.70						
1	Obstruction - Concrete pipe (buried service)									
	End of Borehole at 0.70 m									
2										
3										
4										
5										
6										
7										
8										
9										

HARD STRATA BORING/CHISELLING

From (m)	To (m)	Time (h)	Comments
0.00	0.30	2	Breaking out concrete

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike

GROUNDWATER PROGRESS

Date	Hole Depth	Casing Depth	Depth to Water	Comments

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

REMARKS CAT scanned location and hand dug inpection pit carried out. Concrete pipe encountered. Moved to BH02A and attempted rebore.

Sample Legend
D - Small Disturbed (tub)
B - Bulk Disturbed
LB - Large Bulk Disturbed
Env - Environmental Sample (Jar + Vial + Tub)
UT - Undisturbed 100mm Diameter Sample
P - Undisturbed Piston Sample
W - Water Sample

IGSL BH LOG 25000 - SITE1.GPJ IGSL.GDT 20/2/24

GEOTECHNICAL BORING RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**BOREHOLE NO.**	**BH02A**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,474.00 E 734,857.00 N	**RIG TYPE**	Dando 2000
		BOREHOLE DIAMETER (mm)	200
GROUND LEVEL (mOD)	13.60	**BOREHOLE DEPTH (m)**	8.50
		DATE COMMENCED	01/11/2023
		DATE COMPLETED	03/11/2023
CLIENT	NDFA	**SPT HAMMER REF. NO.**	WB1
ENGINEER	MORCE	**ENERGY RATIO (%)**	80.95
		BORED BY	WB
		PROCESSED BY	FC

Depth (m)	Description	Legend	Elevation	Depth (m)	Samples: Ref. Number	Sample Type	Depth (m)	Recovery	Field Test Results	Standpipe Details
0	CONCRETE		13.30	0.30						
	MADE GROUND comprised of brown sandy gravelly Clay with cobbles and red brick fragments		13.10	0.50						
	MADE GROUND comprised of tarmacadam, red brick fragments, glass and concrete fragments		12.80	0.80						
1	MADE GROUND comprised of large red brick fragments, concrete, stone and gravel. (Possible old wall)		12.50	1.10	AA193265	B	1.00		N = 7 (1, 2, 2, 2, 1, 2)	
	MADE GROUND comprised of black sandy gravelly Clay with red brick fragments		11.60	2.00						
2	Firm grey/brown sandy gravelly CLAY with some angular cobbles				AA193266	B	2.00		N = 8 (1, 1, 2, 2, 2, 2)	
3			10.30	3.30	AA193267	B	3.00		N = 9 (2, 2, 2, 3, 2, 2)	
	Very stiff black slightly sandy slightly gravelly CLAY with cobbles and occasional boulders									
4					AA193268	B	4.00		N = 42 (4, 6, 9, 12, 10, 11)	
5					AA193269	B	5.00		N = 48 (3, 8, 9, 12, 15, 12)	
6					AA193270	B	6.00		N = 51 (5, 9, 12, 14, 13, 12)	
7					AA193271	B	7.00		N = 54 (6, 19, 12, 12, 16, 14)	
			5.60	8.00						
8	Very stiff grey brown sandy very gravelly SILT		5.10	8.50	AA193272	B	8.00		N = 68 (5, 12, 15, 21, 14, 18)	
	Obstruction End of Borehole at 8.50 m									
9										

HARD STRATA BORING/CHISELLING

From (m)	To (m)	Time (h)	Comments
4.50	6.80	1	
6.70	6.90	0.75	
8.30	8.50	2	

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike

GROUNDWATER PROGRESS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
03-11-23	8.30	Nil	4.00	End of Bh

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

REMARKS CAT scanned location and hand dug inpection pit carried out.

Sample Legend
D - Small Disturbed (tub)
B - Bulk Disturbed
LB - Large Bulk Disturbed
Env - Environmental Sample (Jar + Vial + Tub)
UT - Undisturbed 100mm Diameter Sample
P - Undisturbed Piston Sample
W - Water Sample

IGSL BH LOG 25000 - SITE1.GPJ IGSL.GDT 20/2/24

GEOTECHNICAL BORING RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**BOREHOLE NO.**	**BH03**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,449.83 E 734,864.24 N	**RIG TYPE**	Dando 2000
		BOREHOLE DIAMETER (mm)	200
GROUND LEVEL (mOD)	13.48	**BOREHOLE DEPTH (m)**	8.10
		DATE COMMENCED	26/10/2023
		DATE COMPLETED	26/10/2023
CLIENT	NDFA	**SPT HAMMER REF. NO.**	WB1
ENGINEER	MORCE	**ENERGY RATIO (%)**	80.95
		BORED BY	WB
		PROCESSED BY	FC

Depth (m)	Description	Legend	Elevation	Depth (m)	Samples: Ref. Number	Sample Type	Depth (m)	Recovery	Field Test Results	Standpipe Details
0	CONCRETE		13.18	0.30						
	MADE GROUND comprised of Gravel Fill		13.08	0.40						
1	MADE GROUND comprised of black sandy Clay with red brick fragments and a strong hydrocarbon odour				AA208549	B	1.00		N = 7 (1, 1, 2, 1, 2, 2)	
			11.58	1.90						
2	Firm brown gravelly SILT/CLAY. Hydrocarbon odour noted (Possible Made Ground)				AA208550	B	2.00		N = 18 (2, 3, 9, 3, 3, 3)	
			10.68	2.80						
3	Medium dense black silty very sandy GRAVEL (Hydrocarbon odour)				AA208551	B	3.00		N = 23 (2, 3, 4, 6, 6, 7)	
			10.08	3.40						
4	Very stiff black slightly sandy gravelly CLAY with some cobbles and occasional small boulders				AA208552	B	4.00		N = 40 (3, 5, 10, 9, 10, 11)	
5					AA208553	B	5.00		N = 41 (4, 6, 9, 10, 10, 12)	
6					AA208554	B	6.00		N = 45 (4, 12, 11, 10, 10, 14)	
7					AA208555	B	7.00		N = 62 (5, 10, 12, 14, 16, 20)	
8			5.38	8.10	AA208556	B	8.00		N = 50/75 mm (50, 20, 50)	
	Obstruction End of Borehole at 8.10 m									
9										

HARD STRATA BORING/CHISELLING

From (m)	To (m)	Time (h)	Comments
5.70	6.40	1.25	
6.40	6.60	1	
8.00	8.10	2	

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike

GROUNDWATER PROGRESS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
26-10-23	8.10	Nil	2.00	End of BH

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

REMARKS CAT scanned location and hand dug inpection pit carried out. Strong hydrocarbon odour noted 0.50-2.80m.

Sample Legend
D - Small Disturbed (tub)
B - Bulk Disturbed
LB - Large Bulk Disturbed
Env - Environmental Sample (Jar + Vial + Tub)
UT - Undisturbed 100mm Diameter Sample
P - Undisturbed Piston Sample
W - Water Sample

IGSL BH LOG 25000 - SITE1.GPJ IGSL.GDT 20/2/24

GEOTECHNICAL BORING RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**BOREHOLE NO.**	**BH04**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,445.44 E 734,844.69 N	**RIG TYPE**	Dando 2000
		BOREHOLE DIAMETER (mm)	200
GROUND LEVEL (mOD)	13.36	**BOREHOLE DEPTH (m)**	8.00
		DATE COMMENCED	27/10/2023
		DATE COMPLETED	31/10/2023
CLIENT	NDFA	**SPT HAMMER REF. NO.**	WB1
ENGINEER	MORCE	**ENERGY RATIO (%)**	80.95
		BORED BY	WB
		PROCESSED BY	FC

Depth (m)	Description	Legend	Elevation	Depth (m)	Samples: Ref. Number	Sample Type	Depth (m)	Recovery	Field Test Results	Standpipe Details
0	CONCRETE		13.16	0.20						
	MADE GROUND comprised of Gravel Fill		13.06	0.30						
	MADE GROUND comprised of black sandy Clay with red brick fragments				AA208557	B	1.00		N = 7 (1, 1, 2, 1, 2, 2)	
1			11.56	1.80						
	Soft to firm black sandy gravelly CLAY. Gravel is fine.				AA208558	B	2.00		N = 5 (2, 1, 2, 1, 1, 1)	
2					AA208559	B	3.00		N = 13 (2, 3, 4, 3, 3, 3)	
3			9.96	3.40						
	Very stiff black slightly sandy gravelly CLAY with some cobbles and occasional small boulders				AA208560	B	4.00		N = 32 (2, 3, 4, 9, 7, 12)	
4					AA208561	B	5.00		N = 57 (4, 9, 12, 16, 14, 15)	
5					AA208562	B	6.00		N = 56 (5, 15, 12, 18, 12, 14)	
6					AA208563	B	7.00		N = 51 (4, 17, 10, 10, 17, 14)	
7			5.36	8.00						
8	Obstruction End of Borehole at 8.00 m				AA208564	B	8.00		N = 50/75 mm (15, 10, 50)	
9										

HARD STRATA BORING/CHISELLING

From (m)	To (m)	Time (h)	Comments
5.50	6.00	1.5	
7.80	8.00	1.5	

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
5.50	5.50	6.00	5.00	20	Slow

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

GROUNDWATER PROGRESS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
31-10-23	8.00	Nil	5.00	End of BH

REMARKS CAT scanned location and hand dug inpection pit carried out.

Sample Legend
D - Small Disturbed (tub)
B - Bulk Disturbed
LB - Large Bulk Disturbed
Env - Environmental Sample (Jar + Vial + Tub)
UT - Undisturbed 100mm Diameter Sample
P - Undisturbed Piston Sample
W - Water Sample

IGSL BH LOG 25000 - SITE1.GPJ IGSL.GDT 20/2/24

GEOTECHNICAL BORING RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**BOREHOLE NO.**	**BH05**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,421.20 E 734,864.75 N	**RIG TYPE**	Dando 2000
		BOREHOLE DIAMETER (mm)	200
GROUND LEVEL (mOD)	13.43	**BOREHOLE DEPTH (m)**	8.30
		DATE COMMENCED	24/10/2023
		DATE COMPLETED	25/10/2023
CLIENT	NDFA	**SPT HAMMER REF. NO.**	WB1
ENGINEER	MORCE	**ENERGY RATIO (%)**	80.95
		BORED BY	WB
		PROCESSED BY	FC

Depth (m)	Description	Legend	Elevation	Depth (m)	Samples: Ref. Number	Sample Type	Depth (m)	Recovery	Field Test Results	Standpipe Details
0	CONCRETE		13.23	0.20						
	MADE GROUND comprised of Gravel Fill		13.18	0.25						
	MADE GROUND comprised of black sandy gravelly Clay material with red brick fragments		12.53	0.90						
1	Firm brown/black sandy slightly gravelly SILT/CLAY. Gravel is fine.				AA208541	B	1.00		N = 16 (2, 4, 4, 4, 4, 4)	
2					AA208542	B	2.00		N = 18 (2, 3, 5, 4, 5, 4)	
			10.63	2.80						
3	Very stiff black slightly sandy gravelly CLAY with occasional cobbles and boulders				AA208543	B	3.00		N = 42 (4, 5, 6, 13, 13, 10)	
4					AA208544	B	4.00		N = 45 (3, 6, 10, 12, 11, 12)	
5					AA208545	B	5.00		N = 47 (3, 4, 9, 12, 14, 12)	
6					AA208546	B	6.00		N = 55 (5, 12, 14, 12, 19, 10)	
7					AA208547	B	7.00		N = 42 (9, 9, 10, 9, 10, 13)	
8					AA208548	B	8.00		N = 50/150 mm (5, 12, 17, 33)	
			5.13	8.30						
	Obstruction End of Borehole at 8.30 m									
9										

HARD STRATA BORING/CHISELLING

From (m)	To (m)	Time (h)	Comments
3.50	8.30	0.5	
6.30	6.40	0.75	
8.10	8.30	2	

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
4.00	4.00	5.10	3.50	20	Slow

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

GROUNDWATER PROGRESS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
25-10-23	8.30	Nil	2.00	End of BH

REMARKS CAT scanned location and hand dug inpection pit carried out.

Sample Legend
D - Small Disturbed (tub)
B - Bulk Disturbed
LB - Large Bulk Disturbed
Env - Environmental Sample (Jar + Vial + Tub)
UT - Undisturbed 100mm Diameter Sample
P - Undisturbed Piston Sample
W - Water Sample

IGSL BH LOG 25000 - SITE1.GPJ IGSL.GDT 20/2/24

GEOTECHNICAL BORING RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**BOREHOLE NO.**	**BH06**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,414.24 E 734,837.48 N	**RIG TYPE**	Dando 2000
		BOREHOLE DIAMETER (mm)	200
GROUND LEVEL (mOD)	13.56	**BOREHOLE DEPTH (m)**	8.60
		DATE COMMENCED	06/11/2023
		DATE COMPLETED	07/11/2023
CLIENT	NDFA	**SPT HAMMER REF. NO.**	WB1
ENGINEER	MORCE	**ENERGY RATIO (%)**	80.95
		BORED BY	WB
		PROCESSED BY	FC

Depth (m)	Description	Legend	Elevation	Depth (m)	Samples: Ref. Number	Sample Type	Depth (m)	Recovery	Field Test Results	Standpipe Details
0	CONCRETE		13.36	0.20						
	MADE GROUND comprised of tarmacadam and red brick fragments		13.06	0.50						
1	MADE GROUND comprised of black Clay with timber and red bricks)		12.26	1.30	AA193273	B	1.00		N = 7 (1, 2, 2, 1, 2, 2)	
2	Firm brown sandy gravelly CLAY with occasional cobbles				AA193274	B	2.00		N = 10 (2, 3, 2, 2, 3, 3)	
3			10.06	3.50	AA193275	B	3.00		N = 6 (2, 1, 1, 2, 2, 1)	
4	Stiff brown slightly sandy slightly gravelly CLAY with some subangular cobbles				AA193276	B	4.00		N = 19 (2, 3, 5, 4, 5, 5)	
5					AA193277	B	5.00		N = 20 (2, 3, 3, 4, 6, 7)	
6	Very stiff black slightly sandy slightly gravelly CLAY with cobbles		7.76	5.80	AA193278	B	6.00		N = 40 (3, 5, 9, 12, 10, 9)	
7					AA193279	B	7.00		N = 52 (4, 11, 12, 14, 15, 11)	
8					AA193280	B	8.00		N = 65 (5, 12, 19, 22, 10, 14)	
			4.96	8.60					N = 50/75 mm (25, 50)	
9	Obstruction End of Borehole at 8.60 m									

HARD STRATA BORING/CHISELLING

From (m)	To (m)	Time (h)	Comments
7.30	7.50	1.25	
8.40	8.60	1.75	

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

GROUNDWATER PROGRESS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
07-11-23	8.00	Nil	5.00	End of BH

REMARKS CAT scanned location and hand dug inpection pit carried out.

Sample Legend
D - Small Disturbed (tub)
B - Bulk Disturbed
LB - Large Bulk Disturbed
Env - Environmental Sample (Jar + Vial + Tub)
UT - Undisturbed 100mm Diameter Sample
P - Undisturbed Piston Sample
W - Water Sample

IGSL BH LOG 25000 - SITE1.GPJ IGSL.GDT 20/2/24

GEOTECHNICAL BORING RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**BOREHOLE NO.**	**BH07**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,423.07 E 734,812.50 N	**RIG TYPE**	Dando 2000
		BOREHOLE DIAMETER (mm)	200
GROUND LEVEL (mOD)	13.48	**BOREHOLE DEPTH (m)**	7.40
		DATE COMMENCED	09/11/2023
		DATE COMPLETED	10/11/2023
CLIENT	NDFA	**SPT HAMMER REF. NO.**	WB1
ENGINEER	MORCE	**ENERGY RATIO (%)**	80.95
		BORED BY	WB
		PROCESSED BY	FC

Depth (m)	Description	Legend	Elevation	Depth (m)	Samples: Ref. Number	Sample Type	Depth (m)	Recovery	Field Test Results	Standpipe Details
0	CONCRETE		13.18	0.30						
1	Soft to firm brown slightly gravelly SILT/CLAY. Gravel is fine.		11.48	2.00	AA193286	B	1.00		N = 23 (2, 3, 4, 4, 9, 6)	
2	Loose to medium dense grey brown sandy silty GRAVEL		11.18	2.30	AA193287	B	2.00		N = 10 (2, 2, 3, 3, 2, 2)	
3	Soft black gravelly SILT/CLAY (Strong hydrocarbon odour)		9.78	3.70	AA193288	B	3.00		N = 7 (1, 2, 2, 1, 2, 2)	
4	Firm grey slightly sandy slightly gravelly CLAY with some cobbles		7.68	5.80	AA193289	B	4.00		N = 16 (2, 3, 4, 4, 4, 4)	
5					AA193290	B	5.00		N = 14 (3, 4, 4, 3, 3, 4)	
6	Very stiff grey slightly sandy slightly gravelly CLAY with cobbles		6.08	7.40	AA193291	B	6.00		N = 41 (3, 5, 9, 12, 10, 10)	
7					AA193292	B	7.00		N = 50/225 mm (4, 8, 14, 19, 17)	
8	Obstruction End of Borehole at 7.40 m									
9										

HARD STRATA BORING/CHISELLING

From (m)	To (m)	Time (h)	Comments
7.30	7.40	1.5	

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike

GROUNDWATER PROGRESS

Date	Hole Depth	Casing Depth	Depth to Water	Comments

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

REMARKS Standing 6hrs on vehicles to be moved. CAT scanned location and hand dug inpection pit carried out.

Sample Legend
D - Small Disturbed (tub)
B - Bulk Disturbed
LB - Large Bulk Disturbed
Env - Environmental Sample (Jar + Vial + Tub)
UT - Undisturbed 100mm Diameter Sample
P - Undisturbed Piston Sample
W - Water Sample

IGSL BH LOG 25000 - SITE1.GPJ IGSL.GDT 20/2/24

GEOTECHNICAL BORING RECORD

REPORT NUMBER 25000-1

CONTRACT NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street

BOREHOLE NO. BH08
SHEET Sheet 1 of 1

CO-ORDINATES 714,440.74 E, 734,824.81 N
GROUND LEVEL (mOD) 13.26

RIG TYPE Dando 2000
BOREHOLE DIAMETER (mm) 200
BOREHOLE DEPTH (m) 5.90

DATE COMMENCED 08/11/2023
DATE COMPLETED 08/11/2023

CLIENT NDFA
ENGINEER MORCE

SPT HAMMER REF. NO. WB1
ENERGY RATIO (%) 80.95

BORED BY WB
PROCESSED BY FC

Depth (m)	Description	Legend	Elevation	Depth (m)	Samples: Ref. Number	Sample Type	Depth (m)	Recovery	Field Test Results	Standpipe Details
0	CONCRETE		13.01	0.25						
1	MADE GROUND comprised of black gravelly Clay. Gravel is angular.		11.76	1.50	AA193281	B	1.00		N = 13 (1, 2, 3, 3, 4, 3)	
2	Soft to firm black sandy gravelly CLAY				AA193282	B	2.00		N = 9 (1, 1, 2, 3, 2, 2)	
3			9.96	3.30	AA193283	B	3.00		N = 12 (2, 3, 3, 3, 3, 3)	
4	Very stiff black slightly sandy slightly gravelly CLAY with some subangular cobbles				AA193284	B	4.00		N = 56 (4, 9, 12, 16, 14, 14)	
5					AA193285	B	5.00		N = 62 (5, 19, 17, 12, 15, 18)	
			7.36	5.90					N = 50/75 mm (25, 50)	
6	Obstruction End of Borehole at 5.90 m									
7										
8										
9										

HARD STRATA BORING/CHISELLING

From (m)	To (m)	Time (h)	Comments
4.30	4.50	0.75	
5.70	5.90	1.5	

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike

GROUNDWATER PROGRESS

Date	Hole Depth	Casing Depth	Depth to Water	Comments

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

REMARKS CAT scanned location and hand dug inpection pit carried out.

Sample Legend
D - Small Disturbed (tub)
B - Bulk Disturbed
LB - Large Bulk Disturbed
Env - Environmental Sample (Jar + Vial + Tub)
UT - Undisturbed 100mm Diameter Sample
P - Undisturbed Piston Sample
W - Water Sample

IGSL BH LOG 25000 - SITE1.GPJ IGSL.GDT 20/2/24

GEOTECHNICAL BORING RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**BOREHOLE NO.**	**BH09**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,419.40 E 734,798.95 N	**RIG TYPE**	Dando 2000
		BOREHOLE DIAMETER (mm)	200
GROUND LEVEL (mOD)	13.49	**BOREHOLE DEPTH (m)**	8.00
		DATE COMMENCED	13/11/2023
		DATE COMPLETED	15/11/2023
CLIENT	NDFA	**SPT HAMMER REF. NO.**	WB1
ENGINEER	MORCE	**ENERGY RATIO (%)**	80.95
		BORED BY	WB
		PROCESSED BY	FC

Depth (m)	Description	Legend	Elevation	Depth (m)	Samples: Ref. Number	Sample Type	Depth (m)	Recovery	Field Test Results	Standpipe Details
0	CONCRETE		13.19	0.30						
	MADE GROUND comprised of black sandy gravelly Clay with Cl.804-type angular stone Fill				AA193293	B	1.00		N = 11 (2, 2, 3, 2, 3, 3)	
1										
					AA193294	B	2.00		N = 11 (2, 2, 3, 2, 3, 3)	
2			10.69	2.80						
	Dense grey clayey/silty very sandy GRAVEL				AA193295	B	3.00		N = 29 (3, 4, 9, 7, 6, 7)	
3										
					AA193296	B	4.00		N = 41 (3, 6, 10, 12, 9, 10)	
4			9.19	4.30						
	Very stiff black slightly sandy gravelly CLAY				AA193297	B	5.00		N = 50 (4, 9, 11, 14, 16, 9)	
5										
					AA193298	B	6.00		N = 50/225 mm (3, 8, 10, 19, 21)	
6										
					AA193299	B	7.00		N = 50/150 mm (5, 18, 20, 30)	
7			5.49	8.00						
	Obstruction End of Borehole at 8.00 m				AA193300	B	8.00		N = 50/75 mm (25, 50)	
8										
9										

HARD STRATA BORING/CHISELLING

From (m)	To (m)	Time (h)	Comments

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike

GROUNDWATER PROGRESS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
15-11-23	8.00	Nil	3.00	End of BH

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

REMARKS CAT scanned location and hand dug inpection pit carried out.

Sample Legend
D - Small Disturbed (tub)
B - Bulk Disturbed
LB - Large Bulk Disturbed
Env - Environmental Sample (Jar + Vial + Tub)
UT - Undisturbed 100mm Diameter Sample
P - Undisturbed Piston Sample
W - Water Sample

IGSL BH LOG 25000 - SITE1.GPJ IGSL.GDT 20/2/24

GEOTECHNICAL BORING RECORD

REPORT NUMBER 25000-1

CONTRACT NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street

BOREHOLE NO. BH10
SHEET Sheet 1 of 1

CO-ORDINATES 714,443.75 E, 734,799.45 N
GROUND LEVEL (mOD) 12.92

RIG TYPE Dando 2000
BOREHOLE DIAMETER (mm) 200
BOREHOLE DEPTH (m) 6.00

DATE COMMENCED 20/11/2023
DATE COMPLETED 21/11/2023

CLIENT NDFA
ENGINEER MORCE

SPT HAMMER REF. NO. WB1
ENERGY RATIO (%) 80.95

BORED BY WB
PROCESSED BY FC

Depth (m)	Description	Legend	Elevation	Depth (m)	Samples: Ref. Number	Sample Type	Depth (m)	Recovery	Field Test Results	Standpipe Details
0	CONCRETE		12.62	0.30						
	MADE GROUND comprised of Cl.804-type angular stone Fill		11.97	0.95						
1	MADE GROUND comprised of grey/brown gravelly Clay with red brick fragments				AA191709	B	1.00		N = 9 (2, 3, 3, 2, 2, 2)	
2					AA191710	B	2.00		N = 12 (2, 2, 3, 4, 2, 3)	
			10.02	2.90						
3	Stiff to very stiff black slightly sandy slightly gravelly CLAY with some cobbles				AA191711	B	3.00		N = 16 (2, 3, 3, 4, 5, 4)	
4					AA191712	B	4.00		N = 20 (2, 5, 9, 3, 4, 4)	
5					AA191713	B	5.00		N = 33 (3, 4, 9, 7, 8, 9)	
			6.92	6.00						
6	Obstruction End of Borehole at 6.00 m				AA191714	B	6.00		N = 50/75 mm (4, 3, 50)	
7										
8										
9										

HARD STRATA BORING/CHISELLING

From (m)	To (m)	Time (h)	Comments
5.90	6.00	1	

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike

GROUNDWATER PROGRESS

Date	Hole Depth	Casing Depth	Depth to Water	Comments

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

REMARKS CAT scanned location and hand dug inpection pit carried out.

Sample Legend
D - Small Disturbed (tub)
B - Bulk Disturbed
LB - Large Bulk Disturbed
Env - Environmental Sample (Jar + Vial + Tub)
UT - Undisturbed 100mm Diameter Sample
P - Undisturbed Piston Sample
W - Water Sample

IGSL BH LOG 25000 - SITE1.GPJ IGSL.GDT 20/2/24

GEOTECHNICAL BORING RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**BOREHOLE NO.**	**BH11**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,462.37 E 734,817.76 N	**RIG TYPE**	Dando 2000
		BOREHOLE DIAMETER (mm)	200
GROUND LEVEL (mOD)	13.04	**BOREHOLE DEPTH (m)**	1.80
		DATE COMMENCED	02/12/2023
		DATE COMPLETED	04/12/2023
CLIENT	NDFA	**SPT HAMMER REF. NO.**	WB1
ENGINEER	MORCE	**ENERGY RATIO (%)**	80.95
		BORED BY	WB
		PROCESSED BY	FC

Depth (m)	Description	Legend	Elevation	Depth (m)	Samples: Ref. Number	Samples: Sample Type	Samples: Depth (m)	Samples: Recovery	Field Test Results	Standpipe Details
0	CONCRETE		12.84	0.20						
	MADE GROUND comprised of Cl.804-type angular stone Fill		12.14	0.90						
1	Firm black gravelly CLAY with occasional cobbles		11.24	1.80	AA198276	B	1.00		N = 10 (2, 2, 2, 3, 2, 3)	
2	Obstruction End of Borehole at 1.80 m									
3										
4										
5										
6										
7										
8										
9										

HARD STRATA BORING/CHISELLING

From (m)	To (m)	Time (h)	Comments
1.70	1.80	1	

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike

GROUNDWATER PROGRESS

Date	Hole Depth	Casing Depth	Depth to Water	Comments

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

REMARKS CAT scanned location and hand dug inpection pit carried out. Obstruction encountered. Relocated to BH11A and attempted rebore.

Sample Legend
D - Small Disturbed (tub)
B - Bulk Disturbed
LB - Large Bulk Disturbed
Env - Environmental Sample (Jar + Vial + Tub)
UT - Undisturbed 100mm Diameter Sample
P - Undisturbed Piston Sample
W - Water Sample

IGSL BH LOG 25000 - SITE1.GPJ IGSL.GDT 20/2/24

GEOTECHNICAL BORING RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**BOREHOLE NO.**	**BH11A**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,462.00 E 734,817.00 N	**RIG TYPE**	Dando 2000
		BOREHOLE DIAMETER (mm)	200
GROUND LEVEL (mOD)	13.00	**BOREHOLE DEPTH (m)**	1.80
		DATE COMMENCED	04/12/2023
		DATE COMPLETED	04/12/2023
CLIENT	NDFA	**SPT HAMMER REF. NO.**	WB1
ENGINEER	MORCE	**ENERGY RATIO (%)**	80.95
		BORED BY	WB
		PROCESSED BY	FC

Depth (m)	Description	Legend	Elevation	Depth (m)	Samples: Ref. Number	Samples: Sample Type	Samples: Depth (m)	Samples: Recovery	Field Test Results	Standpipe Details
0	CONCRETE		12.80	0.20						
	MADE GROUND comprised of Cl.804-type angular stone Fill		12.10	0.90						
1	Firm black gravelly CLAY				AA191715	B	1.50		N = 16 (4, 3, 3, 4, 4, 5)	
			11.20	1.80						
2	Obstruction End of Borehole at 1.80 m									
3										
4										
5										
6										
7										
8										
9										

HARD STRATA BORING/CHISELLING

From (m)	To (m)	Time (h)	Comments

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

GROUNDWATER PROGRESS

Date	Hole Depth	Casing Depth	Depth to Water	Comments

REMARKS CAT scanned location and hand dug inpection pit carried out.

Sample Legend
D - Small Disturbed (tub)
B - Bulk Disturbed
LB - Large Bulk Disturbed
Env - Environmental Sample (Jar + Vial + Tub)
UT - Undisturbed 100mm Diameter Sample
P - Undisturbed Piston Sample
W - Water Sample

IGSL BH LOG 25000 - SITE1.GPJ IGSL.GDT 20/2/24

GEOTECHNICAL BORING RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**BOREHOLE NO.**	**BH12**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,480.22 E 734,789.59 N	**RIG TYPE**	Dando 2000
		BOREHOLE DIAMETER (mm)	200
GROUND LEVEL (mOD)	11.49	**BOREHOLE DEPTH (m)**	6.00
		DATE COMMENCED	22/11/2023
		DATE COMPLETED	27/11/2023
CLIENT	NDFA	**SPT HAMMER REF. NO.**	WB1
ENGINEER	MORCE	**ENERGY RATIO (%)**	80.95
		BORED BY	WB
		PROCESSED BY	FC

Depth (m)	Description	Legend	Elevation	Depth (m)	Samples: Ref. Number	Sample Type	Depth (m)	Recovery	Field Test Results	Standpipe Details
0	CONCRETE		11.24	0.25						
	MADE GROUND comprised of Cl.804-type angular stone Fill		10.69	0.80						
1	Soft brown slightly gravelly SILT/CLAY		9.99	1.50	AA189257	B	1.00		N = 10 (2, 2, 2, 3, 3, 2)	
2	Soft brown sandy gravelly CLAY with occasional cobbles				AA189258	B	2.00		N = 7 (1, 2, 1, 2, 2, 2)	
3			8.29	3.20	AA189259	B	3.00		N = 31 (3, 5, 6, 7, 9, 9)	
4	Stiff to very stiff black slightly sandy gravelly CLAY with some cobbles				AA189260	B	4.00		N = 27 (3, 4, 7, 7, 6, 7)	
5					AA189261	B	5.00		N = 55 (5, 9, 17, 14, 14, 10)	
6	Obstruction End of Borehole at 6.00 m		5.49	6.00	AA189262	B	6.00		N = 30/75 mm (25, 30)	
7										
8										
9										

HARD STRATA BORING/CHISELLING

From (m)	To (m)	Time (h)	Comments
5.80	6.00	1.5	

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike

GROUNDWATER PROGRESS

Date	Hole Depth	Casing Depth	Depth to Water	Comments

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

REMARKS CAT scanned location and hand dug inpection pit carried out.

Sample Legend
D - Small Disturbed (tub)
B - Bulk Disturbed
LB - Large Bulk Disturbed
Env - Environmental Sample (Jar + Vial + Tub)
UT - Undisturbed 100mm Diameter Sample
P - Undisturbed Piston Sample
W - Water Sample

IGSL BH LOG 25000 - SITE1.GPJ IGSL.GDT 20/2/24

GEOTECHNICAL BORING RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street	**BOREHOLE NO.**	**BH13**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,511.24 E 734,798.16 N	**RIG TYPE**	Dando 2000
		BOREHOLE DIAMETER (mm)	200
GROUND LEVEL (mOD)	11.70	**BOREHOLE DEPTH (m)**	7.00
		DATE COMMENCED	27/11/2023
		DATE COMPLETED	28/11/2023
CLIENT	NDFA	**SPT HAMMER REF. NO.**	WB1
ENGINEER	MORCE	**ENERGY RATIO (%)**	80.95
		BORED BY	WB
		PROCESSED BY	FC

Depth (m)	Description	Legend	Elevation	Depth (m)	Samples: Ref. Number	Sample Type	Depth (m)	Recovery	Field Test Results	Standpipe Details
0	CONCRETE		11.35	0.35						
	MADE GROUND comprised of brown slightly clayey angular Gravel Fill		11.30	0.40						
1	Firm black slightly gravelly SILT/CLAY with occasional small cobbles				AA198263	B	1.00		N = 17 (3, 4, 4, 3, 5, 5)	
2					AA198264	B	2.00		N = 10 (2, 2, 3, 2, 2, 3)	
			8.70	3.00						
3	Medium dense grey brown sandy silty GRAVEL		8.50	3.20	AA198265	B	3.00		N = 13 (2, 2, 3, 3, 3, 4)	
	Firm light brown/grey gravelly SILT/CLAY		8.20	3.50						
	Firm to stiff brown sandy gravelly CLAY									
4					AA198266	B	4.00		N = 19 (2, 3, 4, 4, 5, 6)	
			6.70	5.00						
5	Very stiff black and brown slightly sandy gravelly CLAY with occasional cobbles				AA198267	B	5.00		N = 38 (3, 3, 5, 9, 12, 12)	
6					AA198268	B	6.00		N = 50 (4, 9, 11, 11, 14, 14)	
			4.70	7.00						
7	Obstruction End of Borehole at 7.00 m				AA198269	B	7.00		N = 50/75 mm (25, 50)	
8										
9										

HARD STRATA BORING/CHISELLING

From (m)	To (m)	Time (h)	Comments
6.90	7.00	1	

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike

GROUNDWATER PROGRESS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
28-11-23	7.00	Nil	3.00	End of BH

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

REMARKS CAT scanned location and hand dug inpection pit carried out.

Sample Legend
D - Small Disturbed (tub)
B - Bulk Disturbed
LB - Large Bulk Disturbed
Env - Environmental Sample (Jar + Vial + Tub)
UT - Undisturbed 100mm Diameter Sample
P - Undisturbed Piston Sample
W - Water Sample

IGSL BH LOG 25000 - SITE1.GPJ IGSL.GDT 20/2/24

GEOTECHNICAL BORING RECORD

REPORT NUMBER 25000-1

CONTRACT NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street

BOREHOLE NO. BH14
SHEET Sheet 1 of 1

CO-ORDINATES 714,514.46 E, 734,823.56 N
GROUND LEVEL (mOD) 11.82

RIG TYPE Dando 2000
BOREHOLE DIAMETER (mm) 200
BOREHOLE DEPTH (m) 6.20

DATE COMMENCED 30/11/2023
DATE COMPLETED 01/12/2023

CLIENT NDFA
ENGINEER MORCE

SPT HAMMER REF. NO. WB1
ENERGY RATIO (%) 80.95

BORED BY WB
PROCESSED BY FC

Depth (m)	Description	Legend	Elevation	Depth (m)	Samples: Ref. Number	Sample Type	Depth (m)	Recovery	Field Test Results	Standpipe Details
0	CONCRETE		11.52	0.30						
	MADE GROUND comprised of Cl.804-type angular stone Fill		10.82	1.00						
1	Soft black slightly gravelly SILT/CLAY		10.32	1.50	AA198270	B	1.00		N = 9 (1, 2, 2, 3, 2, 2)	
2	Firm grey very gravelly CLAY		9.12	2.70	AA198271	B	2.00		N = 14 (2, 3, 4, 3, 3, 4)	
3	Firm and firm to stiff brown very gravelly CLAY		7.52	4.30	AA198272	B	3.00		N = 11 (2, 2, 2, 3, 2, 4)	
4					AA198273	B	4.00		N = 25 (3, 5, 6, 6, 7, 6)	
5	Stiff to very stiff black slightly sandy slightly gravelly CLAY with occasional cobbles				AA198274	B	5.00		N = 28 (3, 4, 4, 5, 9, 10)	
6			5.62	6.20	AA198275	B	6.00		N = 50 (4, 9, 10, 12, 19, 9)	
	Obstruction End of Borehole at 6.20 m									
7										
8										
9										

HARD STRATA BORING/CHISELLING

From (m)	To (m)	Time (h)	Comments
6.00	6.20	1	

WATER STRIKE DETAILS

Water Strike	Casing Depth	Sealed At	Rise To	Time (min)	Comments
					No water strike

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

GROUNDWATER PROGRESS

Date	Hole Depth	Casing Depth	Depth to Water	Comments
01-12-23	6.20	Nil	3.50	End of BH

REMARKS CAT scanned location and hand dug inpection pit carried out.

Sample Legend
D - Small Disturbed (tub)
B - Bulk Disturbed
LB - Large Bulk Disturbed
Env - Environmental Sample (Jar + Vial + Tub)
UT - Undisturbed 100mm Diameter Sample
P - Undisturbed Piston Sample
W - Water Sample

IGSL BH LOG 25000 - SITE1.GPJ IGSL.GDT 20/2/24

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street
PROBE NO.	**WS01**
SHEET	Sheet 1 of 1
CO-ORDINATES	
GROUND LEVEL (mOD)	
DATE COMMENCED	13/03/2024
DATE COMPLETED	13/03/2024
CLIENT	NDFA
ENGINEER	MORCE
SAMPLED BY	IGSL
LOGGED BY	PN

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Vane Test (KPa)	Standpipe Details
0.0	CONCRETE (Core)		0.20							
	No Recovery - Possible loosely-bound Made Ground					0.20-1.00	0	148 blows		
1.0	Soft to firm mottled brown and grey sandy gravelly CLAY. Gravel is fine to medium and angular to subangular. Sand is fine to medium. Hydrocarbon odour noted. (Probable Made Ground)		1.00			1.00-2.00	30	119 blows		
2.0	Soft to firm and firm greenish brown sandy gravelly CLAY. Gravel is angular to subangular fine to medium. Sand is fine to medium. Hydrocarbon odour noted.		2.00			2.00-3.00	40	136 blows		
3.0	Soft to firm and firm mottled black and greenish brown sandy gravelly CLAY. Gravel is angular to subangular fine to medium. Sand is fine to medium. Hydrocarbon odour noted.		3.00			3.00-3.50	80			
	Final Depth 3.50m		3.50							
4.0										

General Remarks
Xcalibre coring unit used to extract concrete core from pavement. Hydrocarbon odour noted throughout sample drive.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL WS LOG WITH PIEZO 25000 - SITE1.GPJ IGSL.GDT 18/4/24

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street
PROBE NO.	**WS02**
SHEET	Sheet 1 of 1
CO-ORDINATES	
GROUND LEVEL (mOD)	
DATE COMMENCED	13/03/2024
DATE COMPLETED	13/03/2024
CLIENT	NDFA
ENGINEER	MORCE
SAMPLED BY	IGSL
LOGGED BY	PN

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Vane Test (KPa)	Standpipe Details
0.0	CONCRETE (Core)		0.20							
	MADE GROUND comprising (medium dense) grey sandy Gravel. Gravel is angular to subangular fine to medium. Sand is fine to coarse. Visible hydrocarbon trace with strong odour.		0.70							
	MADE GROUND comprising dark brown sandy gravelly Clay with rare red brick fragment. Gravel is subangular to subrounded fine to medium. Hydrocarbon odour noted.		1.00			0.20-1.00	70	126 blows		
1.0	Soft dark brown sandy gravelly CLAY. Gravel is angular to subangular fine to medium. Sand is fine to medium. Hydrocarbon odour noted. (Possible MADE GROUND)					1.00-2.00	85	91 blows		
2.0	Firm greenish brown very sandy very gravelly CLAY. Gravel is subangular to subrounded medium. Sand is fine to medium. Visible traces of hydrocarbon with very strong odour. (Possible Made Ground)		2.00			2.00-2.75	75			
	Final Depth 2.75m		2.75							
3.0										
4.0										

General Remarks
Xcalibre coring unit used to extract concrete core from pavement. Hydrocarbon odour noted throughout sample drive with visible traces also observed.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL WS LOG WITH PIEZO 25000 - SITE1.GPJ IGSL.GDT 18/4/24

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street
PROBE NO.	**WS03**
SHEET	Sheet 1 of 1
CO-ORDINATES	
GROUND LEVEL (mOD)	
DATE COMMENCED	13/03/2024
DATE COMPLETED	13/03/2024
CLIENT	NDFA
SAMPLED BY	IGSL
ENGINEER	MORCE
LOGGED BY	PN

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Vane Test (KPa)	Standpipe Details
0.0	CONCRETE (Core)		0.10							
	MADE GROUND comprising (medium dense) clayey sandy Gravel. Gravel is angular to subangular fine to medium. Sand is fine to coarse. Visible trace of hydrocarbon with strong odour.		0.60							
	Firm to stiff dark brown/black sandy gravelly CLAY. Gravel is angular to subangular fine to medium. Sand is fine to medium. Hydrocarbon odour noted. (MADE GROUND)		1.00			0.10-1.00	80	79 blows		
1.0	Firm greenish brown/dark brown sandy gravelly CLAY. Gravel is subangular to subrounded medium. Sand is fine to medium. Visible hydrocarbon trace with strong odour. (Possible Made Ground)					1.00-2.00	90	58 blows		
2.0										
	Firm dark brown very sandy very gravelly CLAY. Gravel is subangular to subrounded medium. Sand is fine to medium. Visible hydrocarbon traces with very strong odour.		2.90			2.00-3.00	100	96 blows		
3.0						3.00-3.90	75			
	Final Depth 3.90m		3.90							
4.0										

General Remarks
Xcalibre coring unit used to extract concrete core from pavement. Hydrocarbon odour noted in sample drive with visible traces also observed.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL WS LOG WITH PIEZO 25000 - SITE1.GPJ IGSL.GDT 18/4/24

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street
PROBE NO.	**WS04**
SHEET	Sheet 1 of 1
CO-ORDINATES	
GROUND LEVEL (mOD)	
DATE COMMENCED	13/03/2024
DATE COMPLETED	13/03/2024
CLIENT	NDFA
SAMPLED BY	IGSL
ENGINEER	MORCE
LOGGED BY	PN

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Vane Test (KPa)	Standpipe Details
0.0	CONCRETE (Core)		0.10							
	MADE GROUND comprising greenish grey very sandy very gravelly Clay. Gravel is subangular to subrounded fine to medium. Hydrocarbon odour noted.		0.50							
	MADE GROUND comprising of a dark brown sandy gravelly Clay with rare red brick fragment. Gravel is subangular to subrounded fine to medium. Huydrocarbon odour noted.		1.00			0.10-1.00	70	76 blows		
1.0	Firm brown sandy gravelly CLAY. Gravel is subangular to subrounded fine to medium. Sand is fine to coarse. Strong hydrocarbon odour noted. (Possible Made Ground)		2.00			1.00-2.00	70	58 blows		
2.0	Firm to stiff grey sandy gravelly CLAY. Gravel is subangular to subrounded fine to medium. Sand is fine to coarse. Strong hydrocarbon odour. (Possible Made Ground)		2.90			2.00-2.90	10			
	Final Depth 2.90m									
3.0										
4.0										

General Remarks
Xcalibre coring unit used to extract concrete core from pavement. Window sample drive recovered following an initial unsuccessful attempt / obstruction. Final drive returned poor recovery, possibly due to pushing a cobble ahead of sampler. Hydrocarbon odour noted, remarked as stronger with depth.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL WS LOG WITH PIEZO 25000 - SITE1.GPJ IGSL.GDT 18/4/24

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street
PROBE NO.	**WS05**
SHEET	Sheet 1 of 1
CO-ORDINATES	
GROUND LEVEL (mOD)	
DATE COMMENCED	13/03/2024
DATE COMPLETED	13/03/2024
CLIENT	NDFA
ENGINEER	MORCE
SAMPLED BY	IGSL
LOGGED BY	PN

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Vane Test (KPa)	Standpipe Details
0.0	CONCRETE (Core)		0.20							
	MADE GROUND comprising soft to firm brown very sandy very gravelly CLAY. Gravel is subangular to subrounded medium. Sand is fine to medium. Visible hydrocarbon with very strong odour.					0.20-1.00	65	92 blows		
1.0			1.40							
	MADE GROUND comprising soft to firm greenish brown sandy gravelly Clay with pockets of sandy gravel. Gravel is subangular to subrounded fine to medium. Sand is fine to medium. Hydrocarbon odour noted.					1.00-2.00	70	67 blows		
2.0						2.00-3.00	65	102 blows		
3.0	Firm to stiff dark grey/black sandy gravelly CLAY. Gravel is angular to subangular fine to medium. Sand is fine to medium. Hydrocarbon odour noted. (Possible Made Ground)		3.00			3.00-4.00	95	137 blows		
4.0	Final Depth 4.00m		4.00							

General Remarks
Xcalibre coring unit used to extract concrete core from pavement. Strongest hydrocarbon odour noted in uppermost Made Ground where traces visible.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL WS LOG WITH PIEZO 25000 - SITE1.GPJ IGSL.GDT 18/4/24

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street

PROBE NO. **WS06**
SHEET Sheet 1 of 1

CO-ORDINATES

GROUND LEVEL (mOD)

DATE COMMENCED 13/03/2024
DATE COMPLETED 13/03/2024

CLIENT NDFA
ENGINEER MORCE

SAMPLED BY IGSL
LOGGED BY PN

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Vane Test (KPa)	Standpipe Details
0.0	CONCRETE (Core)									
	MADE GROUND comprising (medium dense) grey sandy Gravel. Gravel is angular to subangular fine to medium. Sand is fine to coarse. Visible hydrocarbon traces with strong odour.		0.20							
	Firm dark brown sandy gravelly CLAY. Gravel is angular to subangular fine to medium. Sand is fine to medium. Hydrocarbon odour noted. (Probable Made Ground)		0.50			0.20-1.00	65	96 blows		
1.0	Soft to firm brown sandy gravelly CLAY. Gravel is angular to subangular fine to medium. Sand is fine to medium. Hydrocarbon odour. (Possible Made Ground)		1.00			1.00-2.00	60	51 blows		
2.0	Soft to firm greenish brown sandy gravelly CLAY. Gravel is subangular to subrounded fine to medium. Sand is fine to medium. Hydrocarbon odour. (Possible Made Ground)		2.00			2.00-3.00	100	74 blows		
3.0	Firm dark brown sandy gravelly CLAY. Gravel is angular to subangular fine to medium. Sand is fine to medium. Hydrocarbon odour noted. (Possible Made Ground)		3.00			3.00-4.00	60	126 blows		
4.0	Final Depth 4.00m		4.00							

General Remarks
Xcalibre coring unit used to extract concrete core from pavement. Hydrocarbon odour noted throughout sample drive.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL WS LOG WITH PIEZO 25000 - SITE1.GPJ IGSL.GDT 18/4/24

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street

PROBE NO. WS07
SHEET Sheet 1 of 1

CO-ORDINATES

GROUND LEVEL (mOD)

DATE COMMENCED 13/03/2024
DATE COMPLETED 13/03/2024

CLIENT NDFA
ENGINEER MORCE

SAMPLED BY IGSL
LOGGED BY PN

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Vane Test (KPa)	Standpipe Details
0.0	CONCRETE (Core)		0.10							
	MADE GROUND comprising (medium dense) grey sandy Gravel. Gravel is angular to subangular fine to medium. Sand is fine to coarse. Visible hydrocarbon trace with strong odour.		0.60							
	MADE GROUND comprising firm dark brown sandy gravelly CLAY. Gravel is angular to subangular fine to medium. Sand is fine to medium. Hydrocarbon odour noted.		1.00			0.10-1.00	70	87 blows		
1.0	Soft to firm becoming firm greenish brown sandy gravelly CLAY. Gravel is subangular to subrounded fine to medium. Sand is fine to medium. Hydrocarbon odour noted. (Possible Made Ground)					1.00-2.00	95	25 blows		
2.0										
						2.00-3.00	60	47 blows		
3.0	(Loose) Dark grey/black SAND. Sand is fine to coarse. Visible hydrocarbon traces with strong odour.		3.00							
	Firm to stiff dark grey/black sandy gravelly CLAY. Gravel is angular to subangular fine to medium. Sand is fine to medium. Hydrocarbon odour noted.		3.70			3.00-4.00	65	107 blows		
4.0	Final Depth 4.00m		4.00							

General Remarks
Xcalibre coring unit used to extract concrete core from pavement. Hydrocarbon odour noted throughout sample drive with visible traces also observed.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL WS LOG WITH PIEZO 25000 - SITE1.GPJ IGSL.GDT 18/4/24

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street
PROBE NO.	**WS08**
SHEET	Sheet 1 of 1
CO-ORDINATES	
GROUND LEVEL (mOD)	
DATE COMMENCED	13/03/2024
DATE COMPLETED	13/03/2024
CLIENT	NDFA
ENGINEER	MORCE
SAMPLED BY	IGSL
LOGGED BY	PN

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Vane Test (KPa)	Standpipe Details
0.0	CONCRETE (Core)		0.10							
	MADE GROUND comprising (medium dense) grey sandy Gravel with cobbles. Gravel is angular to subangular fine to medium. Sand is fine to coarse. Visible hydrocarbon trace with odour noted.					0.10-1.00	75	167 blows		
1.0	No Recovery - Possible loosely-bound Made Ground / Obstruction		1.00			1.00-1.10	0			
	Final Depth 1.10m		1.10							
2.0										
3.0										
4.0										

General Remarks
Xcalibre coring unit used to extract concrete core from pavement. Window sample drive recovered following an initial unsuccessful attempt / obstruction. Final drive from 1.0m returned poor recovery, possibly due to an obstruction. Hydrocarbon odour noted with visible traces noted in Made Ground.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL WS LOG WITH PIEZO 25000 - SITE1.GPJ IGSL.GDT 18/4/24

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street
PROBE NO.	**WS09**
SHEET	Sheet 1 of 1
CO-ORDINATES	
GROUND LEVEL (mOD)	
DATE COMMENCED	13/03/2024
DATE COMPLETED	13/03/2024
CLIENT	NDFA
ENGINEER	MORCE
SAMPLED BY	IGSL
LOGGED BY	PN

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Vane Test (KPa)	Standpipe Details
0.0	CONCRETE (Core)		0.10							
	MADE GROUND comprising (medium dense) grey sandy clayey Gravel. Gravel is angular to subangular fine to medium. Sand is fine to coarse. Hydrocarbon odour noted.					0.10-1.00	40	143 blows		
1.0	Soft to firm and firm greenish brown sandy gravelly CLAY. Gravel is subangular to subrounded fine to medium. Sand is fine to medium. Visible hydrocarbon trace with very strong odour noted.		1.00			1.00-2.00	65	65 blows		
2.0										
	Soft to firm grey very sandy very gravelly CLAY. Gravel is subangular to subrounded fine to medium. Sand is fine to medium. Visible hydrocarbon traces with very strong odour.		2.90			2.00-3.00	100	58 blows		
3.0	Firm grey sandy gravelly CLAY. Gravel is subangular to subrounded medium. Sand is fine to medium. Visible hydrocarbon traces with very strong odour.		3.60			3.00-4.00	95	104 blows		
4.0	Final Depth 4.00m		4.00							

General Remarks
Xcalibre coring unit used to extract concrete core from pavement. Window sample drive recovered following an initial unsuccessful attempt / obstruction. Hydrocarbon odour noted throughout with visible traces observed.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL WS LOG WITH PIEZO 25000 - SITE1.GPJ IGSL.GDT 18/4/24

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street
PROBE NO.	**WS10**
SHEET	Sheet 1 of 1
CO-ORDINATES	
GROUND LEVEL (mOD)	
DATE COMMENCED	13/03/2024
DATE COMPLETED	13/03/2024
CLIENT	NDFA
ENGINEER	MORCE
SAMPLED BY	IGSL
LOGGED BY	PN

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Vane Test (KPa)	Standpipe Details
0.0	CONCRETE (Core)		0.20							
	MADE GROUND comprising (medium dense) grey sandy Gravel. Gravel is angular to subangular fine to medium. Sand is fine to coarse. Visible hydrocarbon traces with strong odour noted.		0.60							
	MADE GROUND comprising firm mottled black and brown sandy gravelly Clay. Gravel is angular to subangular fine to medium. Sand is fine to medium. Strong hydrocarbon odour noted.					0.20-1.00	80	141 blows		
1.0			1.30							
	Firm brownish grey sandy gravelly CLAY. Gravel is subangular to subrounded fine to medium. Sand is fine to coarse. Strong hydrocarbon odour.					1.00-2.00	90	52 blows		
2.0										
						2.00-3.00	70	62 blows		
3.0										
						3.00-4.00	95	167 blows		
4.0	Final Depth 4.00m		4.00							

General Remarks
Xcalibre coring unit used to extract concrete core from pavement. Soil samples noted to bear strong hydrocarbon odour with visible traces in uppermost Made Ground.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL WS LOG WITH PIEZO 25000 - SITE1.GPJ IGSL.GDT 18/4/24

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street
PROBE NO.	**WS11**
SHEET	Sheet 1 of 1
CO-ORDINATES	
GROUND LEVEL (mOD)	
DATE COMMENCED	13/03/2024
DATE COMPLETED	13/03/2024
CLIENT	NDFA
ENGINEER	MORCE
SAMPLED BY	IGSL
LOGGED BY	PN

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Vane Test (KPa)	Standpipe Details
0.0	CONCRETE (Core)		0.20							
	MADE GROUND comprising (medium dense) grey sandy Gravel. Gravel is angular to subangular fine to medium. Sand is fine to coarse. Hydrocarbon odour noted.					0.20-1.00	95	217 blows		
1.0										
	Firm dark brown sandy gravelly CLAY. Gravel is angular to subangular fine to medium. Sand is fine to medium. Hydrocarbon odour noted.		1.80			1.00-2.00	90	156 blows		
2.0										
						2.00-3.00	15	74 blows		
3.0	Firm to stiff light brown sandy gravelly CLAY. Gravel is angular to subangular fine to medium. Sand is fine to medium. Hydrocarbon odour noted.		3.00							
						3.00-4.00	55	111 blows		
4.0	Final Depth 4.00m		4.00							

General Remarks
Xcalibre coring unit used to extract concrete core from pavement. Hydrocarbon odour noted in sample drive.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL WS LOG WITH PIEZO 25000 - SITE1.GPJ IGSL.GDT 18/4/24

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street
PROBE NO.	**WS12**
SHEET	Sheet 1 of 1
CO-ORDINATES	
GROUND LEVEL (mOD)	
DATE COMMENCED	13/03/2024
DATE COMPLETED	13/03/2024
CLIENT	NDFA
ENGINEER	MORCE
SAMPLED BY	IGSL
LOGGED BY	PN

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Vane Test (KPa)	Standpipe Details
0.0	CONCRETE (Core)		0.20							
	MADE GROUND comprising (medium dense) grey sandy Gravel. Gravel is angular to subangular fine to medium. Sand is fine to coarse. Visible hydrocarbon trace with odour noted.					0.20-1.00	70	240 blows		
1.0										
	Firm mottled black and brown sandy gravelly CLAY. Gravel is angular to subangular fine to medium. Sand is fine to medium. Slight hydrocarbon odour. (Possible Made Ground)		1.80			1.00-2.00	75	170 blows		
2.0										
						2.00-3.00	95	97 blows		
3.0	Firm dark brown sandy gravelly CLAY. Gravel is angular to subangular fine to medium. Sand is fine to medium. Hydrocarbon odour. (Possible Made Ground)		3.00							
						3.00-3.80	100			
	Final Depth 3.80m		3.80							
4.0										

General Remarks
Xcalibre coring unit used to extract concrete core from pavement. Upper Made Ground layer bears visibe hydrocarbon traces. Hydrocarbon odour common elsewhere.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL WS LOG WITH PIEZO 25000 - SITE1.GPJ IGSL.GDT 18/4/24

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street
PROBE NO.	**WS13**
SHEET	Sheet 1 of 1
CO-ORDINATES	
GROUND LEVEL (mOD)	
DATE COMMENCED	13/03/2024
DATE COMPLETED	13/03/2024
CLIENT	NDFA
ENGINEER	MORCE
SAMPLED BY	IGSL
LOGGED BY	PN

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Vane Test (KPa)	Standpipe Details
0.0	CONCRETE (Core)									
	MADE GROUND comprising (medium dense) grey sandy Gravel. Gravel is angular to subangular fine to medium. Sand is fine to coarse. Visible hydrocarbon traces with odour noted.		0.20			0.20-1.00	80	177 blows		
1.0										
	MADE GROUND comprising (medium dense) brown clayey sandy Gravel. Gravel is angular to subangular fine. Sand is fine to medium. Hydrocarbon odour noted.		1.50			1.00-2.00	70	123 blows		
2.0										
	Firm mottled brown and black sandy gravelly Clay. Gravel is subangular fine to medium. Sand is fine to medium. Hydrocarbon odour noted. (Probable Made Ground)		2.10			2.00-3.00	100	69 blows		
3.0	Soft to firm mottled brown to orangish brown sandy gravelly CLAY with pockets of grey sandy gravel. Gravel is angular to subrounded fine. Sand is fine to medium. Hydrocarbon odour noted.		3.00			3.00-4.00	90	89 blows		
4.0	Final Depth 4.00m		4.00							

General Remarks
Xcalibre coring unit used to extract concrete core from pavement. Uppermost Made Ground layer contains visible traces of hydrocarbon. Hydrocarbon odour common elsewhere.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL WS LOG WITH PIEZO 25000 - SITE1.GPJ IGSL.GDT 18/4/24

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street
PROBE NO.	**WS14**
SHEET	Sheet 1 of 1
CO-ORDINATES	
GROUND LEVEL (mOD)	
DATE COMMENCED	13/03/2024
DATE COMPLETED	13/03/2024
CLIENT	NDFA
ENGINEER	MORCE
SAMPLED BY	IGSL
LOGGED BY	PN

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Vane Test (KPa)	Standpipe Details
0.0	CONCRETE (Core)		0.10							
	MADE GROUND comprising (medium dense) grey sandy Gravel. Gravel is fine to medium angular to subangular. Sand is fine to coarse. Hydrocarbon odour noted.					0.10-1.00	70	183 blows		
1.0										
	MADE GROUND firm to stiff brown sandy gravelly CLAY with thin layers of sandy gravel. Gravel is angular to subangular fine to medium. Sand is fine to coarse. Localised hydrocarbon staining with odour.		1.90			1.00-2.00	95	136 blows		
2.0										
						2.00-3.00	100	93 blows		
3.0	Firm mottled grey and brown sandy gravelly CLAY. Gravel is angular to subangular fine to medium. Sand is fine to medium. Slight hydrocarbon odour.		3.00							
						3.00-3.70	100			
	Final Depth 3.70m		3.70							
4.0										

General Remarks
Xcalibre coring unit used to extract concrete core from pavement. Hydrocarbon odour noted with localised staining.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL WS LOG WITH PIEZO 25000 - SITE1.GPJ IGSL.GDT 18/4/24

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA Social Housing Bundles 4/5 - Lot 1 - Stanley Street
PROBE NO.	**WS15**
SHEET	Sheet 1 of 1
CO-ORDINATES	
GROUND LEVEL (mOD)	
DATE COMMENCED	13/03/2024
DATE COMPLETED	13/03/2024
CLIENT	NDFA
ENGINEER	MORCE
SAMPLED BY	IGSL
LOGGED BY	PN

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Vane Test (KPa)	Standpipe Details
0.0	CONCRETE (Core)		0.20							
	MADE GROUND comprising (medium dense) grey sandy Gravel. Gravel is angular to subangular fine to medium. Sand is fine to coarse. Hydrocarbon odour noted.					0.20-1.00	90	168 blows		
1.0						1.00-2.00	95	141 blows		
2.0	Firm to stiff brown sandy gravelly CLAY with thin layers of sandy gravel. Gravel is angular to subangular fine to medium. Sand is fine to coarse. Localised hydrocarbon staining visible with odour. (Possible Made Ground)		2.00							
						2.00-3.00	30	126 blows		
3.0	Firm to stiff mottled black and brown sandy gravelly CLAY. Gravel is angular to subangular fine to medium. Sand is fine to medium. Slight hydrocarbon odour.		3.00							
						3.00-4.00	100	142 blows		
4.0	Final Depth 4.00m		4.00							

General Remarks
Xcalibre coring unit used to extract concrete core from pavement. Hydrocarbon odour noted throughout sample drive.

INSTALLATION DETAILS

Date	Tip Depth	RZ Top	RZ Base	Type

IGSL WS LOG WITH PIEZO 25000 - SITE1.GPJ IGSL.GDT 18/4/24

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA - Stanley Street	**BH NO.**	**WS16**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,420.78 E 734,827.91 N	**DATE DRILLED**	25/06/2024
GROUND LEVEL (mOD)	13.52	**DATE LOGGED**	25/06/2024
CLIENT	NDFA	**DRILLED BY**	C.Kavanagh
ENGINEER	MORCE	**LOGGED BY**	I.Reder

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Samples Ref. Number	Samples Sample Type	Samples Depth (m)
0.0	CONCRETE					0.00-1.00	100				
	MADE GROUND (comprised of grey slightly sandy slightly clayey angular gravel and cobbles)		0.17	13.35							
1.0						1.00-2.00	90				
	Soft, brown/grey, mottled slightly sandy slightly gravelly CLAY (slightly contaminated) - possible fill		1.70	11.82						ENV	1.70-2.70
2.0						2.00-3.00	100				
	Firm, dark grey, sandy gravelly silty CLAY with cobbles		2.65	10.87						ENV	2.70-3.00
3.0	Final Depth 3.00m		3.00	10.52							

General Remarks
Cored concrete with excalibre equipment; Environmental samples taken under environmental engineer directions

Installations

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA - Stanley Street	**BH NO.**	**WS17**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,424.92 E 734,823.69 N	**DATE DRILLED**	25/06/2024
GROUND LEVEL (mOD)	13.47	**DATE LOGGED**	25/06/2024
CLIENT	NDFA	**DRILLED BY**	C.Kavanagh
ENGINEER	MORCE	**LOGGED BY**	I.Reder

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Samples Ref. Number	Samples Sample Type	Samples Depth (m)
0.0	CONCRETE					0.00-1.00	100				
	MADE GROUND (comprised of grey slightly sandy slightly clayey angular gravel and cobbles)		0.25	13.22							
1.0						1.00-2.00	80			ENV	1.60-2.10
2.0	Firm to stiff, dark grey/black, slightly sandy gravelly CLAY - ground contaminated from 2.1-2.5m		2.10	11.37		2.00-3.00	100			ENV	2.10-2.50
3.0	Final Depth 3.00m		3.00	10.47							

General Remarks
Cored concrete with excalibre equipment; Environmental samples taken under environmental engineer directions

Installations

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA - Stanley Street	**BH NO.**	**WS18**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,419.98 E 734,818.76 N	**DATE DRILLED**	25/06/2024
GROUND LEVEL (mOD)	13.50	**DATE LOGGED**	25/06/2024
CLIENT	NDFA	**DRILLED BY**	C.Kavanagh
ENGINEER	MORCE	**LOGGED BY**	I.Reder

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Samples Ref. Number	Samples Sample Type	Samples Depth (m)
0.0	CONCRETE					0.00-1.00	100				
	MADE GROUND (comprised of grey slightly sandy slightly clayey angular gravel and cobbles)		0.16	13.34						ENV	0.30-1.80
1.0						1.00-2.00	100				
	Soft, dark grey/black, very organic SILT/CLAY		1.80	11.70							
2.0	Final Depth 2.00m		2.00	11.50							
3.0											

General Remarks
Cored concrete with excalibre equipment; Environmental samples taken under environmental engineer directions

Installations

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA - Stanley Street	**BH NO.**	**WS19**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,443.61 E 734,806.51 N	**DATE DRILLED**	26/06/2024
GROUND LEVEL (mOD)	13.05	**DATE LOGGED**	26/06/2024
CLIENT	NDFA	**DRILLED BY**	C.Kavanagh
ENGINEER	MORCE	**LOGGED BY**	OK

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Samples Ref. Number	Samples Sample Type	Samples Depth (m)
0.0	MADE GROUND: Dark grey sandy very gravelly CLAY with rare cobbles.					0.00-1.00	60				
1.0						1.00-2.00	45			ENV	1.30-2.30
2.0						2.00-3.00	80				
	Stiff greyish brown sandy gravelly CLAY. Sand is fine to medium. Gravel is medium to coarse, subangular to subrounded.		2.15	10.90							
3.0	Final Depth 3.00m		3.00	10.05							

General Remarks
Cored concrete with excalibre equipment; Environmental samples taken under environmental engineer directions

Installations

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA - Stanley Street	**BH NO.**	**WS20**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,450.43 E 734,802.49 N	**DATE DRILLED**	26/06/2024
GROUND LEVEL (mOD)	12.92	**DATE LOGGED**	26/06/2024
CLIENT	NDFA	**DRILLED BY**	C.Kavanagh
ENGINEER	MORCE	**LOGGED BY**	OK

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Samples Ref. Number	Samples Sample Type	Samples Depth (m)
0.0	MADE GROUND: Dark grey sandy very gravelly CLAY with rare cobbles.					0.00-1.00	80				
1.0	MADE GROUND: Brown/light grey slightly gravelly SAND with rare tarmac pieces		1.00	11.92		1.00-2.00	100			ENV	1.00-1.80
	MADE GROUND: Brown slightly sandy slightly gravelly CLAY with tarmac pieces.		1.40	11.52							
	Stiff brown mottled grey slightly sandy gravelly CLAY. Sand is fine to medium. Gravel is fine to coarse, subangular to subrounded.		1.80	11.12						ENV	1.80-2.00
2.0	Final Depth 2.00m		2.00	10.92							
3.0											

General Remarks
Cored concrete with excalibre equipment; Environmental samples taken under environmental engineer directions

Installations

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA - Stanley Street	**BH NO.**	**WS21**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,446.51 E 734,795.84 N	**DATE DRILLED**	26/06/2024
GROUND LEVEL (mOD)	12.31	**DATE LOGGED**	26/06/2024
CLIENT	NDFA	**DRILLED BY**	C.Kavanagh
ENGINEER	MORCE	**LOGGED BY**	OK

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Samples Ref. Number	Samples Sample Type	Samples Depth (m)
0.0	MADE GROUND: Dark grey sandy very gravelly CLAY with rare cobbles.					0.00-1.00	80				
1.0	MADE GROUND: Grey slightly sandy slightly clayey GRAVEL.		1.00	11.31		1.00-2.00	80			ENV	1.50-2.50
2.0						2.00-3.00	70				
	Firm to stiff dark grey mottled brown sandy gravelly CLAY. Sand is fine to medium. Gravel is fine to medium, subangular to subrounded.		2.40	9.91						ENV	2.50-3.00
3.0	Final Depth 3.00m		3.00	9.31							

General Remarks
Cored concrete with excalibre equipment; Environmental samples taken under environmental engineer directions

Installations

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA - Stanley Street	**BH NO.**	**WS23**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,472.07 E 734,853.09 N	**DATE DRILLED**	25/06/2024
GROUND LEVEL (mOD)	13.47	**DATE LOGGED**	25/06/2024
CLIENT	NDFA	**DRILLED BY**	C.Kavanagh
ENGINEER	MORCE	**LOGGED BY**	I.Reder

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Samples Ref. Number	Samples Sample Type	Samples Depth (m)
0.0	CONCRETE					0.00-1.00	100				
	MADE GROUND (comprised of dark brown/black/brown sandy gravelly clay, timber pieces, red brick, mortar)		0.22	13.25						ENV	0.30-1.30
1.0						1.00-2.00	100				
	Firm, brown, slightly sandy slightly gravelly CLAY		1.30	12.17							
	Firm, greyish brown, slightly sandy slightly gravelly CLAY - ground contaminated		1.60	11.87							
2.0	Final Depth 2.00m		2.00	11.47							
3.0											

General Remarks
Cored concrete with excalibre equipment; Environmental samples taken under environmental engineer directions

Installations

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA - Stanley Street	**BH NO.**	**WS24**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,455.22 E 734,851.10 N	**DATE DRILLED**	25/06/2024
GROUND LEVEL (mOD)	13.44	**DATE LOGGED**	25/06/2024
CLIENT	NDFA	**DRILLED BY**	C.Kavanagh
ENGINEER	MORCE	**LOGGED BY**	I.Reder

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Samples Ref. Number	Samples Sample Type	Samples Depth (m)
0.0	CONCRETE					0.00-1.00	100				
	MADE GROUND (comprised of brown clayey sandy gravel and cobbles)		0.28	13.16							
	MADE GROUND (comprised of dark brown/black sandy gravelly clay, glass pieces, red brick, mortar)		0.45	12.99						ENV	0.50-1.20
1.0						1.00-2.00	95				
	Soft to firm, brownish grey slightly sandy SILT/CLAY - ground contaminated		1.50	11.94						ENV	1.50-3.00
2.0						2.00-3.00	100				
	Firm, brown/grey mottled, slightly sandy SILT/CLAY with some hair roots - slightly contaminated		2.10	11.34							
	Dense, grey, slity/clayey SAND		2.80	10.64							
3.0	Final Depth 3.00m		3.00	10.44							

General Remarks
Cored concrete with excalibre equipment; Environmental samples taken under environmental engineer directions

Installations

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA - Stanley Street	**BH NO.**	**WS25**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,435.31 E 734,850.07 N	**DATE DRILLED**	25/06/2024
GROUND LEVEL (mOD)	13.46	**DATE LOGGED**	25/06/2024
CLIENT	NDFA	**DRILLED BY**	C.Kavanagh
ENGINEER	MORCE	**LOGGED BY**	I.Reder

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Samples Ref. Number	Samples Sample Type	Samples Depth (m)
0.0	CONCRETE		0.14	13.32		0.00-1.00	100				
	MADE GROUND (comprised of brown clayey gravel)		0.30	13.16						ENV	0.30-1.30
1.0	MADE GROUND (comprised of dark brown to brown/grey sandy gravelly clay, ash, red brick, mortar, cobbles)					1.00-2.00	80			ENV	1.50-3.00
	Soft to firm, brown to grey slightly sandy slightly gravelly CLAY - ground contaminated between 2.2 - 2.6m		1.60	11.86							
2.0						2.00-3.00	85				
	Dense, very clayey sandy GRAVEL (possible very gravelly clay)		2.70	10.76							
3.0	Final Depth 3.00m		3.00	10.46							

General Remarks
Cored concrete with excalibre equipment; Environmental samples taken under environmental engineer directions

Installations

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA - Stanley Street	**BH NO.**	**WS27**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,439.61 E 734,866.57 N	**DATE DRILLED**	25/06/2024
GROUND LEVEL (mOD)	13.49	**DATE LOGGED**	25/06/2024
CLIENT	NDFA	**DRILLED BY**	C.Kavanagh
ENGINEER	MORCE	**LOGGED BY**	I.Reder

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Samples Ref. Number	Samples Sample Type	Samples Depth (m)
0.0	CONCRETE					0.00-1.00	100				
	MADE GROUND (brown very gravelly clay - clayey angular gravel)		0.24	13.25						ENV	0.30-1.00
	MADE GROUND (comprised of dark grey sandy gravelly clay)		0.55	12.94							
1.0	Firm, greyish brown, slightly sandy slightly gravelly CLAY - ground contaminated		1.00	12.49		1.00-2.00	85			ENV	1.00-2.00
2.0	Final Depth 2.00m		2.00	11.49							
3.0											

General Remarks
Cored concrete with excalibre equipment; Environmental samples taken under environmental engineer directions

Installations

WINDOW SAMPLE RECORD

REPORT NUMBER 25000-1

CONTRACT	NDFA - Stanley Street	**BH NO.**	**WS28**
		SHEET	Sheet 1 of 1
CO-ORDINATES	714,431.08 E 734,860.73 N	**DATE DRILLED**	25/06/2024
GROUND LEVEL (mOD)	13.50	**DATE LOGGED**	25/06/2024
CLIENT	NDFA	**DRILLED BY**	C.Kavanagh
ENGINEER	MORCE	**LOGGED BY**	I.Reder

Depth (m)	Geotechnical Description	Legend	Depth (m)	Elevation	Water Strike	Depth of Sample Run (m)	Recovery (%)	Blowcount	Samples Ref. Number	Samples Sample Type	Samples Depth (m)
0.0	CONCRETE					0.00-1.00	80				
	MADE GROUND (brown clayey sandy gravel)		0.24	13.26							
	MADE GROUND (comprised of grey sandy gravelly clay, red brick, mortar)		0.60	12.90							
1.0	Soft to firm, greyish brown, slightly sandy slightly gravelly CLAY		1.00	12.50		1.00-2.00	75			ENV	1.00-2.00
	Soft, grey, slightly sandy slightly gravelly CLAY - ground contaminated		1.70	11.80							
2.0	Final Depth 2.00m		2.00	11.50							
3.0										ENV	3.00-1.00

General Remarks
Cored concrete with excalibre equipment; Environmental samples taken under environmental engineer directions

Installations

Appendix 2

Laboratory Report

eurofins | Chemtest
Eurofins Chemtest Ltd
Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070
Email: info@chemtest.com

Amended Report

Report No.:	24-00484-2		
Initial Date of Issue:	17-Jan-2024	**Date of Re-Issue:**	17-Apr-2024
Re-Issue Details:	This report has been revised and directly supersedes 24-00484-1 in its entirety		
Client	IGSL		
Client Address:	M7 Business Park Naas County Kildare Ireland		
Contact(s):	Darren Keogh		
Project	25000-1 Site 1 NDFA Social Housing		
Quotation No.:	Q20-21693	**Date Received:**	09-Jan-2024
Order No.:		**Date Instructed:**	09-Jan-2024
No. of Samples:	42		
Turnaround (Wkdays):	73	**Results Due:**	22-Apr-2024
Date Approved:	17-Apr-2024		

Approved By:

Details: David Smith, Technical Director

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

Results - Leachate

Project: 25000-1 Site 1 NDFA Social Housing

Client: IGSL				**Chemtest Job No.:**		24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484
Quotation No.: Q20-21693				**Chemtest Sample ID.:**		1751890	1751892	1751894	1751895	1751896	1751898	1751900	1751903	1751905	1751907	1751908
Order No.:				Client Sample Ref.:		AA198277	AA193265	AA208550	AA208551	AA208557	AA208542	AA193273	AA193287	AA193281	AA193293	AA191710
				Sample Location:		BH01	BH02A	BH03	BH03	BH04	BH05	BH06	BH07	BH08	BH09	BH10
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		1.00	1.00	2.00	3.00	1.00	2.00	1.00	2.00	1.00	1.00	2.00
Determinand	**Accred.**	**SOP**	**Type**	**Units**	**LOD**											
Ammonium	U	1220	10:1	mg/l	0.050	0.059	< 0.050	< 0.050	0.052	0.065	0.064	0.14	0.068	0.090	0.070	0.070
Ammonium	N	1220	10:1	mg/kg	0.10	0.59	0.47	0.66	0.53	0.66	0.68	1.5	0.71	0.98	0.74	0.73

Results - Leachate

Project: 25000-1 Site 1 NDFA Social Housing

Client: IGSL				**Chemtest Job No.:**		24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484
Quotation No.: Q20-21693				**Chemtest Sample ID.:**		1751909	1751910	1751912	1751914	1751916	1751917	1751918	1751919	1751920	1751922	1751924
Order No.:				Client Sample Ref.:		AA198276	AA189257	AA198263	AA198270	AA209906	AA209907	AA209908	AA204950	AA204947	AA204944	AA209902
				Sample Location:		BH11	BH12	BH13	BH14	TP01	TP01	TP01	TP02	TP03	TP04	TP05
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		1.00	1.00	1.00	1.00	0.70	1.50	2.30	0.70	0.50	0.70	0.40
Determinand	**Accred.**	**SOP**	**Type**	**Units**	**LOD**											
Ammonium	U	1220	10:1	mg/l	0.050	< 0.050	0.051	< 0.050	0.056	0.080	< 0.050	0.12	< 0.050	< 0.050	< 0.050	< 0.050
Ammonium	N	1220	10:1	mg/kg	0.10	0.45	0.98	0.52	0.69	1.1	0.37	1.2	0.23	0.60	0.59	0.15

Results - Leachate

Project: 25000-1 Site 1 NDFA Social Housing

Client: IGSL				**Chemtest Job No.:**		24-00484	24-00484	24-00484	24-00484	24-00484	24-00484
Quotation No.: Q20-21693				**Chemtest Sample ID.:**		1751925	1751926	1751927	1751929	1751930	1751931
Order No.:				Client Sample Ref.:		AA209904	AA209913	AA209909	AA209921	AA209915	AA209918
				Sample Location:		TP05	TP06	TP07	TP08	TP10	TP11
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		1.60	1.80	0.60	1.40	1.60	1.30
Determinand	**Accred.**	**SOP**	**Type**	**Units**	**LOD**						
Ammonium	U	1220	10:1	mg/l	0.050	0.053	0.076	0.11	0.086	0.081	3.4
Ammonium	N	1220	10:1	mg/kg	0.10	0.60	0.83	1.1	0.94	0.94	36

Results - Soil

Project: 25000-1 Site 1 NDFA Social Housing

Client: IGSL				**Chemtest Job No.:**		24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484
Quotation No.: Q20-21693				**Chemtest Sample ID.:**		1751890	1751891	1751892	1751893	1751894	1751895	1751896	1751897
Order No.:				Client Sample Ref.:		AA198277	AA198278	AA193265	AA193267	AA208550	AA208551	AA208557	AA208558
				Sample Location:		BH01	BH01	BH02A	BH02A	BH03	BH03	BH04	BH04
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		1.00	2.00	1.00	3.00	2.00	3.00	1.00	2.00
				Asbestos Lab:		DURHAM		DURHAM		DURHAM	DURHAM	DURHAM	
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**								
ACM Type		U	2192		N/A	-		-		-	-	-	
Asbestos Identification		U	2192		N/A	No Asbestos Detected		No Asbestos Detected		No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	
Moisture		N	2030	%	0.020	5.7	16	16	9.8	19	11	19	24
Soil Colour		N	2040		N/A	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Other Material		N	2040		N/A	Stones	Stones	Stones	Stones	Stones	Stones	Stones and Roots	Stones
Soil Texture		N	2040		N/A	Loam	Clay	Loam	Sand	Sand	Sand	Sand	Sand
pH at 20C		M	2010		4.0	[A] 8.2		[A] 9.2		[A] 8.3	[A] 8.1	[A] 8.1	
pH (2.5:1) at 20C		N	2010		4.0		[A] 8.4		[A] 8.9				[A] 8.4
Boron (Hot Water Soluble)		M	2120	mg/kg	0.40	[A] < 0.40		[A] 2.4		[A] 2.7	[A] 0.80	[A] 8.2	
Magnesium (Water Soluble)		N	2120	g/l	0.010		[A] 0.010		[A] < 0.010				[A] < 0.010
Sulphate (2:1 Water Soluble) as SO4		M	2120	g/l	0.010		[A] 0.095		[A] 0.023				[A] 0.073
Total Sulphur		U	2175	%	0.010		[A] 0.061		[A] < 0.010				[A] 0.073
Sulphur (Elemental)		M	2180	mg/kg	1.0	[A] 4.2		[A] 11		[A] 2.4	[A] 150	[A] 31	
Chloride (Water Soluble)		M	2220	g/l	0.010		[A] < 0.010		[A] < 0.010				[A] 0.013
Nitrate (Water Soluble)		N	2220	g/l	0.010		0.067		< 0.010				0.021
Cyanide (Total)		M	2300	mg/kg	0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] 2.5	[A] < 0.50	
Sulphide (Easily Liberatable)		N	2325	mg/kg	0.50	[A] 7.5		[A] 7.8		[A] 6.1	[A] 22	[A] 5.1	
Ammonium (Water Soluble)		M	2220	g/l	0.01		< 0.01		< 0.01				< 0.01
Sulphate (Total)		U	2430	%	0.010	[A] 1.3		[A] 0.16		[A] 0.57	[A] 3.9	[A] 0.89	
Sulphate (Acid Soluble)		U	2430	%	0.010		[A] 0.11		[A] 0.027				[A] 0.14
Arsenic		M	2455	mg/kg	0.5	84		15		43	4.9	49	
Barium		M	2455	mg/kg	0.5	650		130		310	85	330	
Cadmium		M	2455	mg/kg	0.10	1.8		2.2		1.0	3.8	1.3	
Chromium		M	2455	mg/kg	0.5	12		23		27	18	28	
Molybdenum		M	2455	mg/kg	0.5	1.2		3.9		9.5	11	12	
Antimony		N	2455	mg/kg	2.0	19		2.2		7.9	< 2.0	24	
Copper		M	2455	mg/kg	0.50	370		62		210	42	380	
Mercury		M	2455	mg/kg	0.05	0.20		0.22		1.2	0.13	0.50	
Nickel		M	2455	mg/kg	0.50	26		50		75	54	100	
Lead		M	2455	mg/kg	0.50	470		89		540	31	1500	
Selenium		M	2455	mg/kg	0.25	1.1		1.2		1.3	1.9	2.0	
Zinc		M	2455	mg/kg	0.50	300		140		230	120	390	
Chromium (Trivalent)		N	2490	mg/kg	1.0	12		23		27	18	28	
Chromium (Hexavalent)		N	2490	mg/kg	0.50	< 0.50		< 0.50		< 0.50	< 0.50	< 0.50	
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	

Results - Soil

Project: 25000-1 Site 1 NDFA Social Housing

Client: IGSL				**Chemtest Job No.:**		24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484
Quotation No.: Q20-21693				**Chemtest Sample ID.:**		1751890	1751891	1751892	1751893	1751894	1751895	1751896	1751897
Order No.:				Client Sample Ref.:		AA198277	AA198278	AA193265	AA193267	AA208550	AA208551	AA208557	AA208558
				Sample Location:		BH01	BH01	BH02A	BH02A	BH03	BH03	BH04	BH04
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		1.00	2.00	1.00	3.00	2.00	3.00	1.00	2.00
				Asbestos Lab:		DURHAM		DURHAM		DURHAM	DURHAM	DURHAM	
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**								
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25	[A] < 0.25		[A] < 0.25		[A] < 0.25	[A] < 0.25	[A] < 0.25	
Aliphatic EPH >C10-C12 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	[A] < 2.0		[A] < 2.0		[A] < 2.0	[A] < 2.0	[A] < 2.0	
Aliphatic EPH >C12-C16 MC	EH_2D_AL_#1	M	2690	mg/kg	1.00	[A] 4.2		[A] 3.2		[A] < 1.0	[A] 4.3	[A] < 1.0	
Aliphatic EPH >C16-C21 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	[A] < 2.0		[A] < 2.0		[A] < 2.0	[A] 3.6	[A] < 2.0	
Aliphatic EPH >C21-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	3.00	[A] 7.1		[A] 15		[A] 7.8	[A] 5.1	[A] 5.7	
Aliphatic EPH >C35-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00	[A] < 10		[A] < 10		[A] 11	[A] < 10	[A] < 10	
Total Aliphatic EPH >C10-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	5.00	[A] 14		[A] 19		[A] 7.8	[A] 13	[A] 5.7	
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25	[A] < 0.25		[A] < 0.25		[A] < 0.25	[A] < 0.25	[A] < 0.25	
Aromatic EPH >C10-C12 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	[A] < 1.0		[A] < 1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	
Aromatic EPH >C12-C16 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	[A] < 1.0		[A] < 1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	
Aromatic EPH >C16-C21 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	[A] 5.2		[A] 7.6		[A] 7.3	[A] 6.1	[A] 7.6	
Aromatic EPH >C21-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	[A] 5.4		[A] 6.7		[A] 5.6	[A] 4.4	[A] 6.2	
Aromatic EPH >C35-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	1.00	[A] 3.0		[A] 4.2		[A] 3.0	[A] 2.8	[A] 2.3	
Total Aromatic EPH >C10-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	5.00	[A] 11		[A] 14		[A] 13	[A] 11	[A] 14	
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50	[A] < 0.50		[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	
Total EPH >C10-C35 MC	EH_2D_Total_#1	U	2690	mg/kg	10.00	[A] 24		[A] 34		[A] 21	[A] 24	[A] 20	
Total Organic Carbon		M	2625	%	0.20	[A] 4.9		[A] 6.8		[A] 2.5	[A] 1.6	[A] 13	
Mineral Oil EPH		N	2670	mg/kg	10	14		19		19	13	< 10	
Diesel Present		N	2670		N/A								
Benzene		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	
Toluene		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	
Ethylbenzene		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	
m & p-Xylene		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	
o-Xylene		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	
Methyl Tert-Butyl Ether		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	
Naphthalene		M	2800	mg/kg	0.10	< 0.10		< 0.10		< 0.10	< 0.10	0.22	
Acenaphthylene		N	2800	mg/kg	0.10	< 0.10		< 0.10		< 0.10	< 0.10	< 0.10	
Acenaphthene		M	2800	mg/kg	0.10	< 0.10		< 0.10		< 0.10	< 0.10	< 0.10	
Fluorene		M	2800	mg/kg	0.10	< 0.10		< 0.10		< 0.10	< 0.10	< 0.10	
Phenanthrene		M	2800	mg/kg	0.10	0.40		0.26		0.54	< 0.10	1.4	
Anthracene		M	2800	mg/kg	0.10	< 0.10		< 0.10		0.14	< 0.10	0.26	
Fluoranthene		M	2800	mg/kg	0.10	0.58		0.35		0.84	< 0.10	2.2	
Pyrene		M	2800	mg/kg	0.10	0.51		0.35		0.69	< 0.10	1.8	
Benzo[a]anthracene		M	2800	mg/kg	0.10	0.31		0.26		0.46	< 0.10	0.90	
Chrysene		M	2800	mg/kg	0.10	0.25		0.26		0.34	< 0.10	0.94	

Results - Soil

Project: 25000-1 Site 1 NDFA Social Housing

Client: IGSL				**Chemtest Job No.:**		24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484
Quotation No.: Q20-21693				**Chemtest Sample ID.:**		1751890	1751891	1751892	1751893	1751894	1751895	1751896	1751897
Order No.:				Client Sample Ref.:		AA198277	AA198278	AA193265	AA193267	AA208550	AA208551	AA208557	AA208558
				Sample Location:		BH01	BH01	BH02A	BH02A	BH03	BH03	BH04	BH04
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		1.00	2.00	1.00	3.00	2.00	3.00	1.00	2.00
				Asbestos Lab:		DURHAM		DURHAM		DURHAM	DURHAM	DURHAM	
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**								
Benzo[b]fluoranthene		M	2800	mg/kg	0.10	< 0.10		0.44		0.49	< 0.10	1.4	
Benzo[k]fluoranthene		M	2800	mg/kg	0.10	< 0.10		< 0.10		0.16	< 0.10	0.51	
Benzo[a]pyrene		M	2800	mg/kg	0.10	< 0.10		0.28		0.39	< 0.10	1.1	
Indeno(1,2,3-c,d)Pyrene		M	2800	mg/kg	0.10	< 0.10		< 0.10		0.24	< 0.10	0.75	
Dibenz(a,h)Anthracene		N	2800	mg/kg	0.10	< 0.10		< 0.10		< 0.10	< 0.10	< 0.10	
Benzo[g,h,i]perylene		M	2800	mg/kg	0.10	< 0.10		0.24		0.21	< 0.10	0.96	
Coronene		N	2800	mg/kg	0.10	< 0.10		< 0.10		< 0.10	< 0.10	< 0.10	
PCB 28		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	
PCB 52		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	
PCB 101		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	
PCB 118		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	
PCB 153		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	
PCB 138		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	
PCB 180		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	
Tot PCBs Low (7 Congeners)		N	2815	mg/kg	0.05	[A] < 0.05		[A] < 0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	
Total Phenols		M	2920	mg/kg	0.10	< 0.10		< 0.10		< 0.10	< 0.10	< 0.10	

Results - Soil

Project: 25000-1 Site 1 NDFA Social Housing

Client: IGSL				**Chemtest Job No.:**		24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484
Quotation No.: Q20-21693				**Chemtest Sample ID.:**		1751898	1751899	1751900	1751901	1751902	1751903	1751904	1751905
Order No.:				Client Sample Ref.:		AA208542	AA208543	AA193273	AA193274	AA193277	AA193287	AA193288	AA193281
				Sample Location:		BH05	BH05	BH06	BH06	BH06	BH07	BH07	BH08
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		2.00	3.00	1.00	2.00	5.00	2.00	3.00	1.00
				Asbestos Lab:		DURHAM		DURHAM			DURHAM		DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**								
ACM Type		U	2192		N/A	-		-			-		-
Asbestos Identification		U	2192		N/A	No Asbestos Detected		No Asbestos Detected			No Asbestos Detected		No Asbestos Detected
Moisture		N	2030	%	0.020	18	11	25	18	8.8	5.7	11	5.8
Soil Colour		N	2040		N/A	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Other Material		N	2040		N/A	Stones	Stones	Stones	Stones	Stones	Stones	Stones	Stones
Soil Texture		N	2040		N/A	Sand	Sand	Sand	Sand	Sand	Sand	Sand	Sand
pH at 20C		M	2010		4.0	[A] 8.3		[A] 8.4			[A] 8.2		[A] 8.6
pH (2.5:1) at 20C		N	2010		4.0		[A] 8.2		[A] 8.5	[A] 9.3		[A] 8.0	
Boron (Hot Water Soluble)		M	2120	mg/kg	0.40	[A] 2.0		[A] 5.3			[A] < 0.40		[A] < 0.40
Magnesium (Water Soluble)		N	2120	g/l	0.010		[A] 0.022		[A] 0.011	[A] < 0.010		[A] 0.019	
Sulphate (2:1 Water Soluble) as SO4		M	2120	g/l	0.010		[A] 0.77		[A] 0.13	[A] 0.30		[A] 0.67	
Total Sulphur		U	2175	%	0.010		[A] 0.71		[A] 0.077	[A] 0.37		[A] 0.52	
Sulphur (Elemental)		M	2180	mg/kg	1.0	[A] 20		[A] 17			[A] 4.4		[A] 6.6
Chloride (Water Soluble)		M	2220	g/l	0.010		[A] < 0.010		[A] < 0.010	[A] 0.057		[A] < 0.010	
Nitrate (Water Soluble)		N	2220	g/l	0.010		< 0.010		0.043	< 0.010		< 0.010	
Cyanide (Total)		M	2300	mg/kg	0.50	[A] < 0.50		[A] 2.4			[A] < 0.50		[A] < 0.50
Sulphide (Easily Liberatable)		N	2325	mg/kg	0.50	[A] 4.5		[A] 11			[A] 5.3		[A] 5.5
Ammonium (Water Soluble)		M	2220	g/l	0.01		< 0.01		< 0.01	< 0.01		< 0.01	
Sulphate (Total)		U	2430	%	0.010	[A] 0.15		[A] 0.30			[A] 1.2		[A] 1.7
Sulphate (Acid Soluble)		U	2430	%	0.010		[A] 0.19		[A] 0.15	[A] 0.26		[A] 0.58	
Arsenic		M	2455	mg/kg	0.5	13		40			57		73
Barium		M	2455	mg/kg	0.5	110		220			750		580
Cadmium		M	2455	mg/kg	0.10	2.1		0.75			1.1		1.6
Chromium		M	2455	mg/kg	0.5	20		20			9.7		10
Molybdenum		M	2455	mg/kg	0.5	3.9		9.8			1.2		1.3
Antimony		N	2455	mg/kg	2.0	2.0		5.4			14		18
Copper		M	2455	mg/kg	0.50	33		180			75		170
Mercury		M	2455	mg/kg	0.05	0.11		3.0			0.16		0.25
Nickel		M	2455	mg/kg	0.50	39		78			24		31
Lead		M	2455	mg/kg	0.50	55		1100			390		460
Selenium		M	2455	mg/kg	0.25	0.95		1.5			0.91		1.0
Zinc		M	2455	mg/kg	0.50	100		260			230		400
Chromium (Trivalent)		N	2490	mg/kg	1.0	20		20			9.7		10
Chromium (Hexavalent)		N	2490	mg/kg	0.50	< 0.50		< 0.50			< 0.50		< 0.50
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05			[A] < 0.05		[A] < 0.05
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05			[A] < 0.05		[A] < 0.05
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05			[A] < 0.05		[A] < 0.05

Results - Soil

Project: 25000-1 Site 1 NDFA Social Housing

Client: IGSL				**Chemtest Job No.:**		24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484
Quotation No.: Q20-21693				**Chemtest Sample ID.:**		1751898	1751899	1751900	1751901	1751902	1751903	1751904	1751905
Order No.:				Client Sample Ref.:		AA208542	AA208543	AA193273	AA193274	AA193277	AA193287	AA193288	AA193281
				Sample Location:		BH05	BH05	BH06	BH06	BH06	BH07	BH07	BH08
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		2.00	3.00	1.00	2.00	5.00	2.00	3.00	1.00
				Asbestos Lab:		DURHAM		DURHAM			DURHAM		DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**								
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05			[A] < 0.05		[A] < 0.05
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25	[A] < 0.25		[A] < 0.25			[A] < 0.25		[A] < 0.25
Aliphatic EPH >C10-C12 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	[A] < 2.0		[A] < 2.0			[A] < 2.0		[A] < 2.0
Aliphatic EPH >C12-C16 MC	EH_2D_AL_#1	M	2690	mg/kg	1.00	[A] < 1.0		[A] < 1.0			[A] 4.6		[A] < 1.0
Aliphatic EPH >C16-C21 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	[A] < 2.0		[A] < 2.0			[A] 3.7		[A] < 2.0
Aliphatic EPH >C21-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	3.00	[A] 4.5		[A] 6.3			[A] 9.5		[A] 3.2
Aliphatic EPH >C35-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00	[A] < 10		[A] 12			[A] < 10		[A] < 10
Total Aliphatic EPH >C10-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	5.00	[A] < 5.0		[A] 6.3			[A] 19		[A] < 5.0
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05			[A] < 0.05		[A] < 0.05
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05			[A] < 0.05		[A] < 0.05
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05			[A] < 0.05		[A] < 0.05
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25	[A] < 0.25		[A] < 0.25			[A] < 0.25		[A] < 0.25
Aromatic EPH >C10-C12 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	[A] < 1.0		[A] < 1.0			[A] < 1.0		[A] < 1.0
Aromatic EPH >C12-C16 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	[A] < 1.0		[A] 6.7			[A] < 1.0		[A] < 1.0
Aromatic EPH >C16-C21 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	[A] 6.7		[A] 82			[A] 6.2		[A] 6.8
Aromatic EPH >C21-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	[A] < 2.0		[A] 160			[A] 5.5		[A] < 2.0
Aromatic EPH >C35-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	1.00	[A] 1.9		[A] 11			[A] 4.2		[A] 3.1
Total Aromatic EPH >C10-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	5.00	[A] 8.4		[A] 250			[A] 12		[A] 8.5
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50	[A] < 0.50		[A] < 0.50			[A] < 0.50		[A] < 0.50
Total EPH >C10-C35 MC	EH_2D_Total_#1	U	2690	mg/kg	10.00	[A] 13		[A] 260			[A] 30		[A] 12
Total Organic Carbon		M	2625	%	0.20	[A] 1.2		[A] 9.8			[A] 4.2		[A] 3.2
Mineral Oil EPH		N	2670	mg/kg	10	< 10		18			19		< 10
Diesel Present		N	2670		N/A								
Benzene		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0			[A] < 1.0		[A] < 1.0
Toluene		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0			[A] < 1.0		[A] < 1.0
Ethylbenzene		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0			[A] < 1.0		[A] < 1.0
m & p-Xylene		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0			[A] < 1.0		[A] < 1.0
o-Xylene		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0			[A] < 1.0		[A] < 1.0
Methyl Tert-Butyl Ether		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0			[A] < 1.0		[A] < 1.0
Naphthalene		M	2800	mg/kg	0.10	< 0.10		1.2			< 0.10		< 0.10
Acenaphthylene		N	2800	mg/kg	0.10	< 0.10		< 0.10			< 0.10		< 0.10
Acenaphthene		M	2800	mg/kg	0.10	< 0.10		2.8			< 0.10		< 0.10
Fluorene		M	2800	mg/kg	0.10	< 0.10		2.3			< 0.10		< 0.10
Phenanthrene		M	2800	mg/kg	0.10	< 0.10		19			< 0.10		< 0.10
Anthracene		M	2800	mg/kg	0.10	< 0.10		2.4			< 0.10		< 0.10
Fluoranthene		M	2800	mg/kg	0.10	< 0.10		21			< 0.10		< 0.10
Pyrene		M	2800	mg/kg	0.10	< 0.10		18			< 0.10		< 0.10
Benzo[a]anthracene		M	2800	mg/kg	0.10	< 0.10		7.5			< 0.10		< 0.10
Chrysene		M	2800	mg/kg	0.10	< 0.10		10			< 0.10		< 0.10

Results - Soil

Project: 25000-1 Site 1 NDFA Social Housing

Client: IGSL				**Chemtest Job No.:**		24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484
Quotation No.: Q20-21693				**Chemtest Sample ID.:**		1751898	1751899	1751900	1751901	1751902	1751903	1751904	1751905
Order No.:				Client Sample Ref.:		AA208542	AA208543	AA193273	AA193274	AA193277	AA193287	AA193288	AA193281
				Sample Location:		BH05	BH05	BH06	BH06	BH06	BH07	BH07	BH08
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		2.00	3.00	1.00	2.00	5.00	2.00	3.00	1.00
				Asbestos Lab:		DURHAM		DURHAM			DURHAM		DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**								
Benzo[b]fluoranthene		M	2800	mg/kg	0.10	< 0.10		10			< 0.10		< 0.10
Benzo[k]fluoranthene		M	2800	mg/kg	0.10	< 0.10		4.5			< 0.10		< 0.10
Benzo[a]pyrene		M	2800	mg/kg	0.10	< 0.10		9.8			< 0.10		< 0.10
Indeno(1,2,3-c,d)Pyrene		M	2800	mg/kg	0.10	< 0.10		5.3			< 0.10		< 0.10
Dibenz(a,h)Anthracene		N	2800	mg/kg	0.10	< 0.10		1.1			< 0.10		< 0.10
Benzo[g,h,i]perylene		M	2800	mg/kg	0.10	< 0.10		5.1			< 0.10		< 0.10
Coronene		N	2800	mg/kg	0.10	< 0.10		< 0.10			< 0.10		< 0.10
PCB 28		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010			[A] < 0.010		[A] < 0.010
PCB 52		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010			[A] < 0.010		[A] < 0.010
PCB 101		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010			[A] < 0.010		[A] < 0.010
PCB 118		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010			[A] < 0.010		[A] < 0.010
PCB 153		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010			[A] < 0.010		[A] < 0.010
PCB 138		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010			[A] < 0.010		[A] < 0.010
PCB 180		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010			[A] < 0.010		[A] < 0.010
Tot PCBs Low (7 Congeners)		N	2815	mg/kg	0.05	[A] < 0.05		[A] < 0.05			[A] < 0.05		[A] < 0.05
Total Phenols		M	2920	mg/kg	0.10	< 0.10		< 0.10			< 0.10		< 0.10

Results - Soil

Project: 25000-1 Site 1 NDFA Social Housing

Client: IGSL				**Chemtest Job No.:**		24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484
Quotation No.: Q20-21693				**Chemtest Sample ID.:**		1751906	1751907	1751908	1751909	1751910	1751911	1751912	1751913
Order No.:				Client Sample Ref.:		AA193282	AA193293	AA191710	AA198276	AA189257	AA189258	AA198263	AA198265
				Sample Location:		BH08	BH09	BH10	BH11	BH12	BH12	BH13	BH13
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		2.00	1.00	2.00	1.00	1.00	2.00	1.00	3.00
				Asbestos Lab:			DURHAM	DURHAM	DURHAM	DURHAM		DURHAM	
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**								
ACM Type		U	2192		N/A		-	-	-	-		-	
Asbestos Identification		U	2192		N/A		No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected		No Asbestos Detected	
Moisture		N	2030	%	0.020	9.7	6.3	10	7.9	11	9.2	7.0	10
Soil Colour		N	2040		N/A	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Other Material		N	2040		N/A	Stones	Stones	Stones	Stones	Stones	Stones	Stones	Stones
Soil Texture		N	2040		N/A	Sand	Sand	Sand	Sand	Sand	Sand	Sand	Sand
pH at 20C		M	2010		4.0		[A] 8.5	[A] 8.4	[A] 8.7	[A] 8.8		[A] 8.6	
pH (2.5:1) at 20C		N	2010		4.0	[A] 9.0					[A] 9.1		[A] 8.2
Boron (Hot Water Soluble)		M	2120	mg/kg	0.40		[A] < 0.40	[A] 1.1	[A] < 0.40	[A] < 0.40		[A] < 0.40	
Magnesium (Water Soluble)		N	2120	g/l	0.010	[A] < 0.010					[A] < 0.010		[A] 0.020
Sulphate (2:1 Water Soluble) as SO4		M	2120	g/l	0.010	[A] 0.24					[A] < 0.010		[A] 0.65
Total Sulphur		U	2175	%	0.010	[A] 0.12					[A] 0.024		[A] 0.45
Sulphur (Elemental)		M	2180	mg/kg	1.0		[A] 7.7	[A] 37	[A] 3.3	[A] 1.5		[A] 5.4	
Chloride (Water Soluble)		M	2220	g/l	0.010	[A] < 0.010					[A] 0.061		[A] 0.020
Nitrate (Water Soluble)		N	2220	g/l	0.010	< 0.010					0.011		< 0.010
Cyanide (Total)		M	2300	mg/kg	0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	
Sulphide (Easily Liberatable)		N	2325	mg/kg	0.50		[A] 7.8	[A] 5.7	[A] 5.1	[A] 6.6		[A] 4.2	
Ammonium (Water Soluble)		M	2220	g/l	0.01	< 0.01					< 0.01		< 0.01
Sulphate (Total)		U	2430	%	0.010		[A] 1.6	[A] 0.30	[A] 0.97	[A] 0.30		[A] 1.1	
Sulphate (Acid Soluble)		U	2430	%	0.010	[A] 0.12					[A] 0.072		[A] 0.53
Arsenic		M	2455	mg/kg	0.5		90	11	48	35		64	
Barium		M	2455	mg/kg	0.5		490	71	340	370		740	
Cadmium		M	2455	mg/kg	0.10		2.5	2.0	1.4	3.6		1.5	
Chromium		M	2455	mg/kg	0.5		13	13	9.0	20		9.8	
Molybdenum		M	2455	mg/kg	0.5		1.5	4.7	1.2	5.4		1.1	
Antimony		N	2455	mg/kg	2.0		20	2.1	12	9.4		17	
Copper		M	2455	mg/kg	0.50		110	29	290	85		260	
Mercury		M	2455	mg/kg	0.05		0.20	0.05	0.10	0.18		0.17	
Nickel		M	2455	mg/kg	0.50		34	40	23	60		24	
Lead		M	2455	mg/kg	0.50		460	24	300	160		310	
Selenium		M	2455	mg/kg	0.25		1.1	1.0	1.0	1.7		0.87	
Zinc		M	2455	mg/kg	0.50		410	73	240	310		330	
Chromium (Trivalent)		N	2490	mg/kg	1.0		13	13	9.0	20		9.8	
Chromium (Hexavalent)		N	2490	mg/kg	0.50		< 0.50	< 0.50	< 0.50	< 0.50		< 0.50	
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05		[A] < 0.05	
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05		[A] < 0.05	
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05		[A] < 0.05	

Results - Soil

Project: 25000-1 Site 1 NDFA Social Housing

Client: IGSL				**Chemtest Job No.:**		24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484
Quotation No.: Q20-21693				**Chemtest Sample ID.:**		1751906	1751907	1751908	1751909	1751910	1751911	1751912	1751913
Order No.:				Client Sample Ref.:		AA193282	AA193293	AA191710	AA198276	AA189257	AA189258	AA198263	AA198265
				Sample Location:		BH08	BH09	BH10	BH11	BH12	BH12	BH13	BH13
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		2.00	1.00	2.00	1.00	1.00	2.00	1.00	3.00
				Asbestos Lab:			DURHAM	DURHAM	DURHAM	DURHAM		DURHAM	
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**								
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05		[A] < 0.05	
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25		[A] < 0.25	[A] < 0.25	[A] < 0.25	[A] < 0.25		[A] < 0.25	
Aliphatic EPH >C10-C12 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00		[A] < 2.0	[A] < 2.0	[A] 2.1	[A] < 2.0		[A] < 2.0	
Aliphatic EPH >C12-C16 MC	EH_2D_AL_#1	M	2690	mg/kg	1.00		[A] < 1.0	[A] 5.9	[A] 4.5	[A] 2.5		[A] < 1.0	
Aliphatic EPH >C16-C21 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00		[A] < 2.0	[A] 170	[A] 3.4	[A] < 2.0		[A] < 2.0	
Aliphatic EPH >C21-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	3.00		[A] < 3.0	[A] 3200	[A] 6.8	[A] < 3.0		[A] < 3.0	
Aliphatic EPH >C35-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00		[A] < 10	[A] 290	[A] < 10	[A] < 10		[A] < 10	
Total Aliphatic EPH >C10-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	5.00		[A] < 5.0	[A] 3400	[A] 17	[A] 5.8		[A] < 5.0	
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05		[A] < 0.05	
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05		[A] < 0.05	
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05		[A] < 0.05	
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25		[A] < 0.25	[A] < 0.25	[A] < 0.25	[A] < 0.25		[A] < 0.25	
Aromatic EPH >C10-C12 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0	
Aromatic EPH >C12-C16 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00		[A] < 1.0	[A] 8.7	[A] < 1.0	[A] < 1.0		[A] < 1.0	
Aromatic EPH >C16-C21 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00		[A] 6.7	[A] 150	[A] 2.5	[A] 2.4		[A] 2.7	
Aromatic EPH >C21-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00		[A] < 2.0	[A] 430	[A] 4.9	[A] 2.8		[A] 2.4	
Aromatic EPH >C35-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	1.00		[A] 2.5	[A] 11	[A] 3.5	[A] 2.7		[A] 2.6	
Total Aromatic EPH >C10-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	5.00		[A] 8.2	[A] 590	[A] 7.4	[A] 5.2		[A] 5.0	
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50	
Total EPH >C10-C35 MC	EH_2D_Total_#1	U	2690	mg/kg	10.00		[A] 10	[A] 4000	[A] 24	[A] 11		[A] < 10	
Total Organic Carbon		M	2625	%	0.20		[A] 3.0	[A] 3.9	[A] 3.3	[A] 0.97		[A] 4.0	
Mineral Oil EPH		N	2670	mg/kg	10		< 10	3700	17	< 10		< 10	
Diesel Present		N	2670		N/A			False					
Benzene		M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0	
Toluene		M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0	
Ethylbenzene		M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0	
m & p-Xylene		M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0	
o-Xylene		M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0	
Methyl Tert-Butyl Ether		M	2760	µg/kg	1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0	
Naphthalene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10		0.18	
Acenaphthylene		N	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	
Acenaphthene		M	2800	mg/kg	0.10		< 0.10	2.0	< 0.10	< 0.10		< 0.10	
Fluorene		M	2800	mg/kg	0.10		< 0.10	1.5	< 0.10	< 0.10		< 0.10	
Phenanthrene		M	2800	mg/kg	0.10		< 0.10	0.22	< 0.10	< 0.10		0.90	
Anthracene		M	2800	mg/kg	0.10		< 0.10	0.33	< 0.10	< 0.10		0.21	
Fluoranthene		M	2800	mg/kg	0.10		< 0.10	1.4	< 0.10	< 0.10		1.1	
Pyrene		M	2800	mg/kg	0.10		< 0.10	1.2	< 0.10	< 0.10		0.96	
Benzo[a]anthracene		M	2800	mg/kg	0.10		< 0.10	1.5	< 0.10	< 0.10		0.42	
Chrysene		M	2800	mg/kg	0.10		< 0.10	1.7	< 0.10	< 0.10		0.58	

Results - Soil

Project: 25000-1 Site 1 NDFA Social Housing

Client: IGSL				**Chemtest Job No.:**		24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484
Quotation No.: Q20-21693				**Chemtest Sample ID.:**		1751906	1751907	1751908	1751909	1751910	1751911	1751912	1751913
Order No.:				Client Sample Ref.:		AA193282	AA193293	AA191710	AA198276	AA189257	AA189258	AA198263	AA198265
				Sample Location:		BH08	BH09	BH10	BH11	BH12	BH12	BH13	BH13
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		2.00	1.00	2.00	1.00	1.00	2.00	1.00	3.00
				Asbestos Lab:			DURHAM	DURHAM	DURHAM	DURHAM		DURHAM	
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**								
Benzo[b]fluoranthene		M	2800	mg/kg	0.10		< 0.10	1.8	< 0.10	< 0.10		0.51	
Benzo[k]fluoranthene		M	2800	mg/kg	0.10		< 0.10	1.4	< 0.10	< 0.10		0.22	
Benzo[a]pyrene		M	2800	mg/kg	0.10		< 0.10	1.2	< 0.10	< 0.10		0.30	
Indeno(1,2,3-c,d)Pyrene		M	2800	mg/kg	0.10		< 0.10	5.3	< 0.10	< 0.10		0.23	
Dibenz(a,h)Anthracene		N	2800	mg/kg	0.10		< 0.10	6.8	< 0.10	< 0.10		0.18	
Benzo[g,h,i]perylene		M	2800	mg/kg	0.10		< 0.10	4.4	< 0.10	< 0.10		0.19	
Coronene		N	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	
PCB 28		U	2815	mg/kg	0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010		[A] < 0.010	
PCB 52		U	2815	mg/kg	0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010		[A] < 0.010	
PCB 101		U	2815	mg/kg	0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010		[A] < 0.010	
PCB 118		U	2815	mg/kg	0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010		[A] < 0.010	
PCB 153		U	2815	mg/kg	0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010		[A] < 0.010	
PCB 138		U	2815	mg/kg	0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010		[A] < 0.010	
PCB 180		U	2815	mg/kg	0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010		[A] < 0.010	
Tot PCBs Low (7 Congeners)		N	2815	mg/kg	0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05		[A] < 0.05	
Total Phenols		M	2920	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10		< 0.10	

Results - Soil

Project: 25000-1 Site 1 NDFA Social Housing

Client: IGSL				**Chemtest Job No.:**		24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484
Quotation No.: Q20-21693				**Chemtest Sample ID.:**		1751914	1751915	1751916	1751917	1751918	1751919	1751920	1751921
Order No.:				Client Sample Ref.:		AA198270	AA198271	AA209906	AA209907	AA209908	AA204950	AA204947	AA204948
				Sample Location:		BH14	BH14	TP01	TP01	TP01	TP02	TP03	TP03
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		1.00	2.00	0.70	1.50	2.30	0.70	0.50	1.30
				Asbestos Lab:		DURHAM		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**								
ACM Type		U	2192		N/A	-		-	-	-	-	-	
Asbestos Identification		U	2192		N/A	No Asbestos Detected		No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	
Moisture		N	2030	%	0.020	8.4	9.7	9.1	20	12	9.1	7.8	14
Soil Colour		N	2040		N/A	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Other Material		N	2040		N/A	Stones	Stones	Stones	Stones	Stones	Stones	Stones	Stones and Roots
Soil Texture		N	2040		N/A	Sand	Sand	Loam	Clay	Clay	Loam	Loam	Clay
pH at 20C		M	2010		4.0	[A] 8.2		[A] 8.8	[A] 8.1	[A] 8.7	[A] 9.2	[A] 11.0	
pH (2.5:1) at 20C		N	2010		4.0		[A] 8.7		[A] 8.1				[A] 8.9
Boron (Hot Water Soluble)		M	2120	mg/kg	0.40	[A] 0.47		[A] 1.6	[A] 2.0	[A] 1.3	[A] 1.1	[A] 1.6	
Magnesium (Water Soluble)		N	2120	g/l	0.010		[A] < 0.010		[A] < 0.010				[A] < 0.010
Sulphate (2:1 Water Soluble) as SO4		M	2120	g/l	0.010		[A] 0.37		[A] 0.26				[A] 0.096
Total Sulphur		U	2175	%	0.010		[A] 0.59		[A] 0.14				[A] 0.010
Sulphur (Elemental)		M	2180	mg/kg	1.0	[A] 36		[A] 5.9	[A] 320	[A] 63	[A] 190	[A] 190	
Chloride (Water Soluble)		M	2220	g/l	0.010		[A] 0.021		[A] < 0.010				[A] < 0.010
Nitrate (Water Soluble)		N	2220	g/l	0.010		< 0.010		< 0.010				< 0.010
Cyanide (Total)		M	2300	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	
Sulphide (Easily Liberatable)		N	2325	mg/kg	0.50	[A] 64		[A] 11	[A] 8.0	[A] 8.9	[A] 11	[A] 79	
Ammonium (Water Soluble)		M	2220	g/l	0.01		< 0.01		< 0.01				< 0.01
Sulphate (Total)		U	2430	%	0.010	[A] 0.93		[A] 0.32	[A] 0.36	[A] 0.20	[A] 1.1	[A] 0.91	
Sulphate (Acid Soluble)		U	2430	%	0.010		[A] 0.18		[A] 0.17				[A] 0.047
Arsenic		M	2455	mg/kg	0.5	27		20	13	20	48	38	
Barium		M	2455	mg/kg	0.5	360		160	100	210	730	670	
Cadmium		M	2455	mg/kg	0.10	0.71		0.65	1.9	3.1	0.45	0.21	
Chromium		M	2455	mg/kg	0.5	11		16	20	26	41	42	
Molybdenum		M	2455	mg/kg	0.5	1.4		4.1	3.4	6.6	16	14	
Antimony		N	2455	mg/kg	2.0	22		4.1	2.3	4.0	15	18	
Copper		M	2455	mg/kg	0.50	54		210	43	80	550	460	
Mercury		M	2455	mg/kg	0.05	0.11		0.46	0.15	0.57	0.22	0.06	
Nickel		M	2455	mg/kg	0.50	17		40	40	74	96	88	
Lead		M	2455	mg/kg	0.50	920		390	68	160	700	730	
Selenium		M	2455	mg/kg	0.25	0.83		0.82	0.99	1.3	1.4	1.2	
Zinc		M	2455	mg/kg	0.50	110		150	120	210	220	200	
Chromium (Trivalent)		N	2490	mg/kg	1.0	11		16	20	26	41	42	
Chromium (Hexavalent)		N	2490	mg/kg	0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05	
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05	
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05	

Results - Soil

Project: 25000-1 Site 1 NDFA Social Housing

Client: IGSL				**Chemtest Job No.:**		24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484
Quotation No.: Q20-21693				**Chemtest Sample ID.:**		1751914	1751915	1751916	1751917	1751918	1751919	1751920	1751921
Order No.:				Client Sample Ref.:		AA198270	AA198271	AA209906	AA209907	AA209908	AA204950	AA204947	AA204948
				Sample Location:		BH14	BH14	TP01	TP01	TP01	TP02	TP03	TP03
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		1.00	2.00	0.70	1.50	2.30	0.70	0.50	1.30
				Asbestos Lab:		DURHAM		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**								
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05	[A] 0.30	[A] 0.29	[A] < 0.05	[A] < 0.05	
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25	[A] < 0.25		[A] < 0.25	[A] 0.30	[A] 0.29	[A] < 0.25	[A] < 0.25	
Aliphatic EPH >C10-C12 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	[A] < 2.0		[A] 2.1	[A] 91	[A] 50	[A] < 2.0	[A] < 2.0	
Aliphatic EPH >C12-C16 MC	EH_2D_AL_#1	M	2690	mg/kg	1.00	[A] < 1.0		[A] 13	[A] 610	[A] 210	[A] 1.9	[A] 3.8	
Aliphatic EPH >C16-C21 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	[A] < 2.0		[A] 19	[A] 840	[A] 270	[A] 2.7	[A] 3.1	
Aliphatic EPH >C21-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	3.00	[A] < 3.0		[A] 15	[A] 420	[A] 120	[A] 3.2	[A] 5.1	
Aliphatic EPH >C35-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00	[A] < 10		[A] < 10	[A] 34	[A] 15	[A] < 10	[A] < 10	
Total Aliphatic EPH >C10-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	5.00	[A] < 5.0		[A] 49	[A] 2000	[A] 650	[A] 8.9	[A] 13	
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05	
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05	
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05	
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25	[A] < 0.25		[A] < 0.25	[A] < 0.25	[A] < 0.25	[A] < 0.25	[A] < 0.25	
Aromatic EPH >C10-C12 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	[A] < 1.0		[A] < 1.0	[A] 29	[A] 11	[A] < 1.0	[A] < 1.0	
Aromatic EPH >C12-C16 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	[A] < 1.0		[A] < 1.0	[A] 340	[A] 130	[A] < 1.0	[A] < 1.0	
Aromatic EPH >C16-C21 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	[A] 2.5		[A] 4.8	[A] 440	[A] 130	[A] 11	[A] 2.2	
Aromatic EPH >C21-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	[A] < 2.0		[A] 16	[A] 120	[A] 33	[A] 10	[A] 5.1	
Aromatic EPH >C35-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	1.00	[A] 2.8		[A] 7.4	[A] 10	[A] 6.1	[A] 2.9	[A] 4.1	
Total Aromatic EPH >C10-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	5.00	[A] < 5.0		[A] 21	[A] 930	[A] 300	[A] 22	[A] 7.3	
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50	
Total EPH >C10-C35 MC	EH_2D_Total_#1	U	2690	mg/kg	10.00	[A] < 10		[A] 70	[A] 2900	[A] 950	[A] 30	[A] 21	
Total Organic Carbon		M	2625	%	0.20	[A] 4.9		[A] 9.6	[A] 2.4	[A] 1.9	[A] 4.0	[A] 5.5	
Mineral Oil EPH		N	2670	mg/kg	10	< 10		49	2000	970	< 10	13	
Diesel Present		N	2670		N/A				False				
Benzene		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Toluene		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Ethylbenzene		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
m & p-Xylene		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
o-Xylene		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Methyl Tert-Butyl Ether		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0	
Naphthalene		M	2800	mg/kg	0.10	0.18		0.17	< 0.10	0.14	0.73	0.56	
Acenaphthylene		N	2800	mg/kg	0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Acenaphthene		M	2800	mg/kg	0.10	< 0.10		< 0.10	< 0.10	1.2	0.90	0.91	
Fluorene		M	2800	mg/kg	0.10	< 0.10		< 0.10	< 0.10	1.1	0.58	0.59	
Phenanthrene		M	2800	mg/kg	0.10	0.38		1.2	0.70	2.1	4.8	5.5	
Anthracene		M	2800	mg/kg	0.10	< 0.10		0.21	< 0.10	< 0.10	0.44	0.54	
Fluoranthene		M	2800	mg/kg	0.10	0.34		1.5	0.53	< 0.10	3.3	4.4	
Pyrene		M	2800	mg/kg	0.10	0.32		1.3	0.50	< 0.10	2.6	3.5	
Benzo[a]anthracene		M	2800	mg/kg	0.10	0.15		0.74	0.23	< 0.10	1.2	1.7	
Chrysene		M	2800	mg/kg	0.10	< 0.10		0.54	0.16	< 0.10	1.3	1.4	

Results - Soil

Project: 25000-1 Site 1 NDFA Social Housing

Client: IGSL				**Chemtest Job No.:**		24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484
Quotation No.: Q20-21693				**Chemtest Sample ID.:**		1751914	1751915	1751916	1751917	1751918	1751919	1751920	1751921
Order No.:				Client Sample Ref.:		AA198270	AA198271	AA209906	AA209907	AA209908	AA204950	AA204947	AA204948
				Sample Location:		BH14	BH14	TP01	TP01	TP01	TP02	TP03	TP03
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		1.00	2.00	0.70	1.50	2.30	0.70	0.50	1.30
				Asbestos Lab:		DURHAM		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**								
Benzo[b]fluoranthene		M	2800	mg/kg	0.10	< 0.10		0.92	0.24	< 0.10	1.6	2.3	
Benzo[k]fluoranthene		M	2800	mg/kg	0.10	< 0.10		0.21	< 0.10	< 0.10	0.42	0.53	
Benzo[a]pyrene		M	2800	mg/kg	0.10	< 0.10		0.59	< 0.10	< 0.10	1.0	1.6	
Indeno(1,2,3-c,d)Pyrene		M	2800	mg/kg	0.10	< 0.10		0.51	< 0.10	< 0.10	0.62	0.82	
Dibenz(a,h)Anthracene		N	2800	mg/kg	0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
Benzo[g,h,i]perylene		M	2800	mg/kg	0.10	< 0.10		0.45	< 0.10	< 0.10	0.60	0.79	
Coronene		N	2800	mg/kg	0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	
PCB 28		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010	
PCB 52		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010	
PCB 101		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010	
PCB 118		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010	
PCB 153		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010	
PCB 138		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010	
PCB 180		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010	
Tot PCBs Low (7 Congeners)		N	2815	mg/kg	0.05	[A] < 0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05	
Total Phenols		M	2920	mg/kg	0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	

Results - Soil

Project: 25000-1 Site 1 NDFA Social Housing

Client: IGSL				**Chemtest Job No.:**		24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484
Quotation No.: Q20-21693				**Chemtest Sample ID.:**		1751922	1751923	1751924	1751925	1751926	1751927	1751928	1751929
Order No.:				Client Sample Ref.:		AA204944	AA204946	AA209902	AA209904	AA209913	AA209909	AA209911	AA209921
				Sample Location:		TP04	TP04	TP05	TP05	TP06	TP07	TP07	TP08
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		0.70	2.20	0.40	1.60	1.80	0.60	2.40	1.40
				Asbestos Lab:		DURHAM		DURHAM	DURHAM	DURHAM	DURHAM		DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**								
ACM Type		U	2192		N/A	-		-	-	-	-		-
Asbestos Identification		U	2192		N/A	No Asbestos Detected		No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected		No Asbestos Detected
Moisture		N	2030	%	0.020	13	8.3	8.4	15	2.3	12	7.8	8.1
Soil Colour		N	2040		N/A	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Other Material		N	2040		N/A	Stones	Stones	Stones	Stones	Stones	Stones	Stones	Stones
Soil Texture		N	2040		N/A	Loam	Clay	Loam	Clay	Loam	Clay	Clay	Clay
pH at 20C		M	2010		4.0	[A] 9.8		[A] 9.0	[A] 8.6	[A] 8.6	[A] 8.6		[A] 8.4
pH (2.5:1) at 20C		N	2010		4.0		[A] 9.2					[A] 8.8	
Boron (Hot Water Soluble)		M	2120	mg/kg	0.40	[A] 1.2		[A] 1.7	[A] 1.0	[A] < 0.40	[A] 0.83		[A] < 0.40
Magnesium (Water Soluble)		N	2120	g/l	0.010		[A] < 0.010					[A] < 0.010	
Sulphate (2:1 Water Soluble) as SO4		M	2120	g/l	0.010		[A] < 0.010					[A] 0.21	
Total Sulphur		U	2175	%	0.010		[A] 0.015					[A] 0.21	
Sulphur (Elemental)		M	2180	mg/kg	1.0	[A] 7.5		[A] 88	[A] 1.4	[A] 3.6	[A] 3.3		[A] 1.0
Chloride (Water Soluble)		M	2220	g/l	0.010		[A] < 0.010					[A] < 0.010	
Nitrate (Water Soluble)		N	2220	g/l	0.010		< 0.010					< 0.010	
Cyanide (Total)		M	2300	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50
Sulphide (Easily Liberatable)		N	2325	mg/kg	0.50	[A] 6.8		[A] 15	[A] 43	[A] 6.7	[A] 9.7		[A] 6.3
Ammonium (Water Soluble)		M	2220	g/l	0.01		< 0.01					< 0.01	
Sulphate (Total)		U	2430	%	0.010	[A] 0.22		[A] 0.85	[A] 0.087	[A] 0.71	[A] 0.36		[A] 0.10
Sulphate (Acid Soluble)		U	2430	%	0.010		[A] 0.027					[A] 0.19	
Arsenic		M	2455	mg/kg	0.5	21		40	17	54	12		16
Barium		M	2455	mg/kg	0.5	100		630	110	340	84		76
Cadmium		M	2455	mg/kg	0.10	1.2		0.29	2.8	0.99	0.55		2.8
Chromium		M	2455	mg/kg	0.5	14		37	25	9.4	5.3		20
Molybdenum		M	2455	mg/kg	0.5	2.9		14	4.4	1.1	1.0		5.4
Antimony		N	2455	mg/kg	2.0	2.2		16	2.1	8.7	2.4		2.4
Copper		M	2455	mg/kg	0.50	75		540	44	110	38		41
Mercury		M	2455	mg/kg	0.05	1.0		1.3	0.14	0.12	0.35		0.08
Nickel		M	2455	mg/kg	0.50	34		110	54	21	11		59
Lead		M	2455	mg/kg	0.50	290		630	52	220	110		34
Selenium		M	2455	mg/kg	0.25	0.75		1.6	1.1	1.1	0.70		1.9
Zinc		M	2455	mg/kg	0.50	130		250	160	190	61		130
Chromium (Trivalent)		N	2490	mg/kg	1.0	14		37	25	9.4	5.3		20
Chromium (Hexavalent)		N	2490	mg/kg	0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50		< 0.50
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05		[A] < 0.05
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05		[A] < 0.05
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05		[A] < 0.05

Results - Soil

Project: 25000-1 Site 1 NDFA Social Housing

Client: IGSL				**Chemtest Job No.:**		24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484
Quotation No.: Q20-21693				**Chemtest Sample ID.:**		1751922	1751923	1751924	1751925	1751926	1751927	1751928	1751929
Order No.:				Client Sample Ref.:		AA204944	AA204946	AA209902	AA209904	AA209913	AA209909	AA209911	AA209921
				Sample Location:		TP04	TP04	TP05	TP05	TP06	TP07	TP07	TP08
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		0.70	2.20	0.40	1.60	1.80	0.60	2.40	1.40
				Asbestos Lab:		DURHAM		DURHAM	DURHAM	DURHAM	DURHAM		DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**								
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05		[A] < 0.05
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25	[A] < 0.25		[A] < 0.25	[A] < 0.25	[A] < 0.25	[A] < 0.25		[A] < 0.25
Aliphatic EPH >C10-C12 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	[A] < 2.0		[A] 20	[A] 2.3	[A] < 2.0	[A] < 2.0		[A] < 2.0
Aliphatic EPH >C12-C16 MC	EH_2D_AL_#1	M	2690	mg/kg	1.00	[A] 1.9		[A] 240	[A] 5.5	[A] 2.4	[A] 2.9		[A] 4.0
Aliphatic EPH >C16-C21 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	[A] 2.1		[A] 340	[A] 4.9	[A] < 2.0	[A] 3.1		[A] 2.3
Aliphatic EPH >C21-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	3.00	[A] 4.7		[A] 170	[A] 8.3	[A] < 3.0	[A] 4.5		[A] < 3.0
Aliphatic EPH >C35-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00	[A] < 10		[A] 11	[A] < 10	[A] < 10	[A] < 10		[A] < 10
Total Aliphatic EPH >C10-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	5.00	[A] 10		[A] 760	[A] 21	[A] 7.3	[A] 12		[A] 11
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05		[A] < 0.05
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05		[A] < 0.05
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05	[A] < 0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05		[A] < 0.05
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25	[A] < 0.25		[A] < 0.25	[A] < 0.25	[A] < 0.25	[A] < 0.25		[A] < 0.25
Aromatic EPH >C10-C12 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	[A] < 1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0
Aromatic EPH >C12-C16 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	[A] < 1.0		[A] 46	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0
Aromatic EPH >C16-C21 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	[A] 14		[A] 96	[A] < 2.0	[A] 2.6	[A] 2.9		[A] 2.4
Aromatic EPH >C21-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	[A] 19		[A] 140	[A] 8.0	[A] 2.9	[A] 6.0		[A] 3.8
Aromatic EPH >C35-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	1.00	[A] 3.3		[A] 28	[A] 3.2	[A] 2.4	[A] 2.9		[A] 2.1
Total Aromatic EPH >C10-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	5.00	[A] 33		[A] 280	[A] 9.9	[A] 5.4	[A] 8.9		[A] 6.2
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50	[A] < 0.50		[A] < 0.50	[A] < 0.50	[A] < 0.50	[A] < 0.50		[A] < 0.50
Total EPH >C10-C35 MC	EH_2D_Total_#1	U	2690	mg/kg	10.00	[A] 43		[A] 1000	[A] 31	[A] 13	[A] 21		[A] 17
Total Organic Carbon		M	2625	%	0.20	[A] 3.2		[A] 13	[A] 0.92	[A] 3.2	[A] 3.1		[A] 0.41
Mineral Oil EPH		N	2670	mg/kg	10	10		770	21	< 10	12		11
Diesel Present		N	2670		N/A			False					
Benzene		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0
Toluene		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0
Ethylbenzene		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0
m & p-Xylene		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0
o-Xylene		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0
Methyl Tert-Butyl Ether		M	2760	µg/kg	1.0	[A] < 1.0		[A] < 1.0	[A] < 1.0	[A] < 1.0	[A] < 1.0		[A] < 1.0
Naphthalene		M	2800	mg/kg	0.10	0.28		0.48	< 0.10	< 0.10	< 0.10		< 0.10
Acenaphthylene		N	2800	mg/kg	0.10	< 0.10		0.19	< 0.10	< 0.10	< 0.10		< 0.10
Acenaphthene		M	2800	mg/kg	0.10	1.1		1.0	< 0.10	< 0.10	< 0.10		< 0.10
Fluorene		M	2800	mg/kg	0.10	0.87		0.98	< 0.10	< 0.10	< 0.10		< 0.10
Phenanthrene		M	2800	mg/kg	0.10	9.4		7.9	< 0.10	< 0.10	0.28		< 0.10
Anthracene		M	2800	mg/kg	0.10	1.3		1.2	< 0.10	< 0.10	< 0.10		< 0.10
Fluoranthene		M	2800	mg/kg	0.10	8.9		14	< 0.10	< 0.10	0.19		< 0.10
Pyrene		M	2800	mg/kg	0.10	7.2		11	< 0.10	< 0.10	0.12		< 0.10
Benzo[a]anthracene		M	2800	mg/kg	0.10	3.3		7.2	< 0.10	< 0.10	< 0.10		< 0.10
Chrysene		M	2800	mg/kg	0.10	3.3		5.4	< 0.10	< 0.10	< 0.10		< 0.10

Results - Soil

Project: 25000-1 Site 1 NDFA Social Housing

Client: IGSL				**Chemtest Job No.:**		24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484	24-00484
Quotation No.: Q20-21693				**Chemtest Sample ID.:**		1751922	1751923	1751924	1751925	1751926	1751927	1751928	1751929
Order No.:				Client Sample Ref.:		AA204944	AA204946	AA209902	AA209904	AA209913	AA209909	AA209911	AA209921
				Sample Location:		TP04	TP04	TP05	TP05	TP06	TP07	TP07	TP08
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		0.70	2.20	0.40	1.60	1.80	0.60	2.40	1.40
				Asbestos Lab:		DURHAM		DURHAM	DURHAM	DURHAM	DURHAM		DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**								
Benzo[b]fluoranthene		M	2800	mg/kg	0.10	3.7		11	< 0.10	< 0.10	< 0.10		< 0.10
Benzo[k]fluoranthene		M	2800	mg/kg	0.10	0.92		3.2	< 0.10	< 0.10	< 0.10		< 0.10
Benzo[a]pyrene		M	2800	mg/kg	0.10	2.7		8.4	< 0.10	< 0.10	< 0.10		< 0.10
Indeno(1,2,3-c,d)Pyrene		M	2800	mg/kg	0.10	1.6		5.0	< 0.10	< 0.10	< 0.10		< 0.10
Dibenz(a,h)Anthracene		N	2800	mg/kg	0.10	0.29		0.94	< 0.10	< 0.10	< 0.10		< 0.10
Benzo[g,h,i]perylene		M	2800	mg/kg	0.10	1.7		4.9	< 0.10	< 0.10	< 0.10		< 0.10
Coronene		N	2800	mg/kg	0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10		< 0.10
PCB 28		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010		[A] < 0.010
PCB 52		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010		[A] < 0.010
PCB 101		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010		[A] < 0.010
PCB 118		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010		[A] < 0.010
PCB 153		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010		[A] < 0.010
PCB 138		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010		[A] < 0.010
PCB 180		U	2815	mg/kg	0.010	[A] < 0.010		[A] < 0.010	[A] < 0.010	[A] < 0.010	[A] < 0.010		[A] < 0.010
Tot PCBs Low (7 Congeners)		N	2815	mg/kg	0.05	[A] < 0.05		[A] < 0.05	[A] < 0.05	[A] < 0.05	[A] < 0.05		[A] < 0.05
Total Phenols		M	2920	mg/kg	0.10	< 0.10		< 0.10	< 0.10	< 0.10	< 0.10		< 0.10

Results - Soil

Project: 25000-1 Site 1 NDFA Social Housing

Client: IGSL				**Chemtest Job No.:**		24-00484	24-00484
Quotation No.: Q20-21693				**Chemtest Sample ID.:**		1751930	1751931
Order No.:				Client Sample Ref.:		AA209915	AA209918
				Sample Location:		TP10	TP11
				Sample Type:		SOIL	SOIL
				Top Depth (m):		1.60	1.30
				Asbestos Lab:		DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**		
ACM Type		U	2192		N/A	-	-
Asbestos Identification		U	2192		N/A	No Asbestos Detected	No Asbestos Detected
Moisture		N	2030	%	0.020	14	11
Soil Colour		N	2040		N/A	Brown	Brown
Other Material		N	2040		N/A	Stones	Stones
Soil Texture		N	2040		N/A	Clay	Loam
pH at 20C		M	2010		4.0	[A] 9.1	[A] 8.6
pH (2.5:1) at 20C		N	2010		4.0		
Boron (Hot Water Soluble)		M	2120	mg/kg	0.40	[A] 0.64	[A] 2.2
Magnesium (Water Soluble)		N	2120	g/l	0.010		
Sulphate (2:1 Water Soluble) as SO4		M	2120	g/l	0.010		
Total Sulphur		U	2175	%	0.010		
Sulphur (Elemental)		M	2180	mg/kg	1.0	[A] 11	[A] 59
Chloride (Water Soluble)		M	2220	g/l	0.010		
Nitrate (Water Soluble)		N	2220	g/l	0.010		
Cyanide (Total)		M	2300	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Sulphide (Easily Liberatable)		N	2325	mg/kg	0.50	[A] 6.0	[A] 4.6
Ammonium (Water Soluble)		M	2220	g/l	0.01		
Sulphate (Total)		U	2430	%	0.010	[A] 0.18	[A] 0.44
Sulphate (Acid Soluble)		U	2430	%	0.010		
Arsenic		M	2455	mg/kg	0.5	21	16
Barium		M	2455	mg/kg	0.5	160	66
Cadmium		M	2455	mg/kg	0.10	1.8	1.1
Chromium		M	2455	mg/kg	0.5	16	11
Molybdenum		M	2455	mg/kg	0.5	5.0	3.6
Antimony		N	2455	mg/kg	2.0	3.9	2.4
Copper		M	2455	mg/kg	0.50	100	66
Mercury		M	2455	mg/kg	0.05	0.23	0.47
Nickel		M	2455	mg/kg	0.50	53	31
Lead		M	2455	mg/kg	0.50	130	260
Selenium		M	2455	mg/kg	0.25	1.1	1.8
Zinc		M	2455	mg/kg	0.50	140	110
Chromium (Trivalent)		N	2490	mg/kg	1.0	16	11
Chromium (Hexavalent)		N	2490	mg/kg	0.50	< 0.50	< 0.50
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05	[A] < 0.05	[A] < 0.05
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05	[A] < 0.05	[A] < 0.05
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05	[A] < 0.05	[A] < 0.05

Results - Soil

Project: 25000-1 Site 1 NDFA Social Housing

Client: IGSL				**Chemtest Job No.:**		24-00484	24-00484
Quotation No.: Q20-21693				**Chemtest Sample ID.:**		1751930	1751931
Order No.:				Client Sample Ref.:		AA209915	AA209918
				Sample Location:		TP10	TP11
				Sample Type:		SOIL	SOIL
				Top Depth (m):		1.60	1.30
				Asbestos Lab:		DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**		
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05	[A] < 0.05	[A] < 0.05
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25	[A] < 0.25	[A] < 0.25
Aliphatic EPH >C10-C12 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	[A] 2.3	[A] < 2.0
Aliphatic EPH >C12-C16 MC	EH_2D_AL_#1	M	2690	mg/kg	1.00	[A] 4.6	[A] 3.4
Aliphatic EPH >C16-C21 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	[A] 3.7	[A] 2.4
Aliphatic EPH >C21-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	3.00	[A] 5.6	[A] 4.8
Aliphatic EPH >C35-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00	[A] < 10	[A] < 10
Total Aliphatic EPH >C10-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	5.00	[A] 16	[A] 12
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05	[A] < 0.05	[A] < 0.05
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05	[A] < 0.05	[A] < 0.05
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05	[A] < 0.05	[A] < 0.05
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25	[A] < 0.25	[A] < 0.25
Aromatic EPH >C10-C12 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	[A] < 1.0	[A] < 1.0
Aromatic EPH >C12-C16 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	[A] < 1.0	[A] < 1.0
Aromatic EPH >C16-C21 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	[A] 2.4	[A] 7.0
Aromatic EPH >C21-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	[A] 6.2	[A] 22
Aromatic EPH >C35-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	1.00	[A] 3.9	[A] 5.0
Total Aromatic EPH >C10-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	5.00	[A] 8.6	[A] 29
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50	[A] < 0.50	[A] < 0.50
Total EPH >C10-C35 MC	EH_2D_Total_#1	U	2690	mg/kg	10.00	[A] 25	[A] 41
Total Organic Carbon		M	2625	%	0.20	[A] 0.84	[A] 4.2
Mineral Oil EPH		N	2670	mg/kg	10	16	12
Diesel Present		N	2670		N/A		
Benzene		M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
Toluene		M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
Ethylbenzene		M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
m & p-Xylene		M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
o-Xylene		M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
Methyl Tert-Butyl Ether		M	2760	µg/kg	1.0	[A] < 1.0	[A] < 1.0
Naphthalene		M	2800	mg/kg	0.10	< 0.10	< 0.10
Acenaphthylene		N	2800	mg/kg	0.10	< 0.10	< 0.10
Acenaphthene		M	2800	mg/kg	0.10	< 0.10	< 0.10
Fluorene		M	2800	mg/kg	0.10	< 0.10	< 0.10
Phenanthrene		M	2800	mg/kg	0.10	< 0.10	< 0.10
Anthracene		M	2800	mg/kg	0.10	< 0.10	< 0.10
Fluoranthene		M	2800	mg/kg	0.10	< 0.10	< 0.10
Pyrene		M	2800	mg/kg	0.10	< 0.10	< 0.10
Benzo[a]anthracene		M	2800	mg/kg	0.10	< 0.10	< 0.10
Chrysene		M	2800	mg/kg	0.10	< 0.10	< 0.10

Results - Soil

Project: 25000-1 Site 1 NDFA Social Housing

Client: IGSL				**Chemtest Job No.:**		24-00484	24-00484
Quotation No.: Q20-21693				**Chemtest Sample ID.:**		1751930	1751931
Order No.:				Client Sample Ref.:		AA209915	AA209918
				Sample Location:		TP10	TP11
				Sample Type:		SOIL	SOIL
				Top Depth (m):		1.60	1.30
				Asbestos Lab:		DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**		
Benzo[b]fluoranthene		M	2800	mg/kg	0.10	< 0.10	< 0.10
Benzo[k]fluoranthene		M	2800	mg/kg	0.10	< 0.10	< 0.10
Benzo[a]pyrene		M	2800	mg/kg	0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene		M	2800	mg/kg	0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene		N	2800	mg/kg	0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene		M	2800	mg/kg	0.10	< 0.10	< 0.10
Coronene		N	2800	mg/kg	0.10	< 0.10	< 0.10
PCB 28		U	2815	mg/kg	0.010	[A] < 0.010	[A] < 0.010
PCB 52		U	2815	mg/kg	0.010	[A] < 0.010	[A] < 0.010
PCB 101		U	2815	mg/kg	0.010	[A] < 0.010	[A] < 0.010
PCB 118		U	2815	mg/kg	0.010	[A] < 0.010	[A] < 0.010
PCB 153		U	2815	mg/kg	0.010	[A] < 0.010	[A] < 0.010
PCB 138		U	2815	mg/kg	0.010	[A] < 0.010	[A] < 0.010
PCB 180		U	2815	mg/kg	0.010	[A] < 0.010	[A] < 0.010
Tot PCBs Low (7 Congeners)		N	2815	mg/kg	0.05	[A] < 0.05	[A] < 0.05
Total Phenols		M	2920	mg/kg	0.10	< 0.10	< 0.10

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484							
Chemtest Sample ID:	1751890							
Sample Ref:	AA198277							
Sample ID:								
Sample Location:	BH01							
Top Depth(m):	1.00							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	[A] 4.9	3	5	6
Loss On Ignition	2610		M	%	0.76	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] < 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	2.1	100	--	--
pH at 20C	2010		M		8.2	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.011	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0012	0.012	0.5	2	25
Barium	1455		U	0.021	0.21	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0035	0.035	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0019	0.019	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0013	0.013	0.06	0.7	5
Selenium	1455		U	0.0010	0.010	0.1	0.5	7
Zinc	1455		U	0.046	0.46	4	50	200
Chloride	1220		U	1.7	17	800	15000	25000
Fluoride	1220		U	0.13	1.3	10	150	500
Sulphate	1220		U	260	2600	1000	20000	50000
Total Dissolved Solids	1020		N	320	3200	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	4.4	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	5.7

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484							
Chemtest Sample ID:	1751892							
Sample Ref:	AA193265							
Sample ID:								
Sample Location:	BH02A							
Top Depth(m):	1.00							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	[A] 6.8	3	5	6
Loss On Ignition	2610		M	%	8.2	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] < 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	2.4	100	--	--
pH at 20C	2010		M		9.2	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.011	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.012	0.12	0.5	2	25
Barium	1455		U	0.005	0.051	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0009	0.0087	0.5	10	70
Copper	1455		U	0.0036	0.036	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0061	0.061	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0043	0.043	0.06	0.7	5
Selenium	1455		U	0.0011	0.011	0.1	0.5	7
Zinc	1455		U	0.014	0.14	4	50	200
Chloride	1220		U	3.2	32	800	15000	25000
Fluoride	1220		U	0.62	6.2	10	150	500
Sulphate	1220		U	41	410	1000	20000	50000
Total Dissolved Solids	1020		N	110	1100	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	5.9	59	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	16

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484							
Chemtest Sample ID:	1751894							
Sample Ref:	AA208550							
Sample ID:								
Sample Location:	BH03							
Top Depth(m):	2.00							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	[A] 2.5	3	5	6
Loss On Ignition	2610		M	%	3.9	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] < 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	4.5	100	--	--
pH at 20C	2010		M		8.3	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.011	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0006	0.0061	0.5	2	25
Barium	1455		U	0.007	0.074	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0012	0.012	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0025	0.025	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	< 0.0005	< 0.0050	0.06	0.7	5
Selenium	1455		U	0.0007	0.0072	0.1	0.5	7
Zinc	1455		U	0.022	0.22	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.18	1.8	10	150	500
Sulphate	1220		U	17	170	1000	20000	50000
Total Dissolved Solids	1020		N	65	650	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	6.5	65	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	19

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484							
Chemtest Sample ID:	1751895							
Sample Ref:	AA208551							
Sample ID:								
Sample Location:	BH03							
Top Depth(m):	3.00							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	[A] 1.6	3	5	6
Loss On Ignition	2610		M	%	1.6	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] < 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		M		8.1	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.013	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0003	0.0026	0.5	2	25
Barium	1455		U	0.032	0.32	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	< 0.0005	< 0.0050	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.014	0.14	0.5	10	30
Nickel	1455		U	0.0070	0.070	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0007	0.0071	0.06	0.7	5
Selenium	1455		U	< 0.0005	< 0.0050	0.1	0.5	7
Zinc	1455		U	0.010	0.10	4	50	200
Chloride	1220		U	1.2	12	800	15000	25000
Fluoride	1220		U	0.38	3.8	10	150	500
Sulphate	1220		U	190	1900	1000	20000	50000
Total Dissolved Solids	1020		N	290	2800	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	4.1	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	11

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Chemtest Sample ID:	1751896							
Sample Ref:	AA208557							
Sample ID:								
Sample Location:	BH04							
Top Depth(m):	1.00							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		M	%	[A] 13	3	5	6
Loss On Ignition	2610		M	%	12	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] < 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	12	100	--	--
pH at 20C	2010		M		8.1	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.015	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0007	0.0070	0.5	2	25
Barium	1455		U	0.023	0.23	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0022	0.022	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.013	0.13	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0034	0.034	0.06	0.7	5
Selenium	1455		U	0.0017	0.017	0.1	0.5	7
Zinc	1455		U	0.017	0.17	4	50	200
Chloride	1220		U	2.6	26	800	15000	25000
Fluoride	1220		U	0.26	2.6	10	150	500
Sulphate	1220		U	340	3400	1000	20000	50000
Total Dissolved Solids	1020		N	440	4400	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	4.3	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	19

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484							
Chemtest Sample ID:	1751898							
Sample Ref:	AA208542							
Sample ID:								
Sample Location:	BH05							
Top Depth(m):	2.00							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	[A] 1.2	3	5	6
Loss On Ignition	2610		M	%	3.6	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] < 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		M		8.3	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.014	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0005	0.0052	0.5	2	25
Barium	1455		U	0.006	0.062	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0012	0.012	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0051	0.051	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	< 0.0005	< 0.0050	0.06	0.7	5
Selenium	1455		U	0.0009	0.0086	0.1	0.5	7
Zinc	1455		U	0.022	0.22	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.27	2.7	10	150	500
Sulphate	1220		U	26	260	1000	20000	50000
Total Dissolved Solids	1020		N	100	990	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	6.6	66	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	18

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484							
Chemtest Sample ID:	1751900							
Sample Ref:	AA193273							
Sample ID:								
Sample Location:	BH06							
Top Depth(m):	1.00							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	[A] 9.8	3	5	6
Loss On Ignition	2610		M	%	21	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] 200	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	120	100	--	--
pH at 20C	2010		M		8.4	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0070	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0048	0.047	0.5	2	25
Barium	1455		U	0.019	0.19	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0008	0.0080	0.5	10	70
Copper	1455		U	0.0048	0.048	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0089	0.089	0.5	10	30
Nickel	1455		U	0.0026	0.026	0.4	10	40
Lead	1455		U	0.0093	0.092	0.5	10	50
Antimony	1455		U	0.0024	0.024	0.06	0.7	5
Selenium	1455		U	0.0010	0.010	0.1	0.5	7
Zinc	1455		U	0.034	0.34	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.33	3.3	10	150	500
Sulphate	1220		U	18	180	1000	20000	50000
Total Dissolved Solids	1020		N	86	850	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	9.8	98	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	25

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484							
Chemtest Sample ID:	1751903							
Sample Ref:	AA193287							
Sample ID:								
Sample Location:	BH07							
Top Depth(m):	2.00							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	[A] 4.2	3	5	6
Loss On Ignition	2610		M	%	0.92	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] < 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		M		8.2	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0090	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0003	0.0032	0.5	2	25
Barium	1455		U	0.023	0.23	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0006	0.0063	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0016	0.016	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	< 0.0005	< 0.0050	0.06	0.7	5
Selenium	1455		U	< 0.0005	< 0.0050	0.1	0.5	7
Zinc	1455		U	0.013	0.13	4	50	200
Chloride	1220		U	7.2	72	800	15000	25000
Fluoride	1220		U	0.19	1.9	10	150	500
Sulphate	1220		U	240	2400	1000	20000	50000
Total Dissolved Solids	1020		N	310	3100	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	3.9	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	5.7

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Chemtest Sample ID:	1751905							
Sample Ref:	AA193281							
Sample ID:								
Sample Location:	BH08							
Top Depth(m):	1.00							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		M	%	[A] 3.2	3	5	6
Loss On Ignition	2610		M	%	0.84	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] < 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		M		8.6	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.012	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0027	0.027	0.5	2	25
Barium	1455		U	0.024	0.24	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0011	0.011	0.5	10	70
Copper	1455		U	0.0018	0.018	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0011	0.011	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0014	0.014	0.06	0.7	5
Selenium	1455		U	0.0014	0.014	0.1	0.5	7
Zinc	1455		U	0.014	0.14	4	50	200
Chloride	1220		U	1.1	11	800	15000	25000
Fluoride	1220		U	0.095	< 1.0	10	150	500
Sulphate	1220		U	240	2400	1000	20000	50000
Total Dissolved Solids	1020		N	300	3000	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	3.7	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	5.8

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484							
Chemtest Sample ID:	1751907							
Sample Ref:	AA193293							
Sample ID:								
Sample Location:	BH09							
Top Depth(m):	1.00							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	[A] 3.0	3	5	6
Loss On Ignition	2610		M	%	1.4	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] < 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		M		8.5	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.013	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0003	0.0029	0.5	2	25
Barium	1455		U	0.018	0.18	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	< 0.0005	< 0.0050	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0013	0.013	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0006	0.0064	0.06	0.7	5
Selenium	1455		U	< 0.0005	< 0.0050	0.1	0.5	7
Zinc	1455		U	0.013	0.13	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.12	1.2	10	150	500
Sulphate	1220		U	350	3500	1000	20000	50000
Total Dissolved Solids	1020		N	410	4000	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	4.0	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	6.3

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484							
Chemtest Sample ID:	1751908							
Sample Ref:	AA191710							
Sample ID:								
Sample Location:	BH10							
Top Depth(m):	2.00							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	[A] 3.9	3	5	6
Loss On Ignition	2610		M	%	1.3	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] 8100	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	31	100	--	--
pH at 20C	2010		M		8.4	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.013	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0004	0.0040	0.5	2	25
Barium	1455		U	0.031	0.31	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0009	0.0091	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.024	0.24	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0037	0.037	0.06	0.7	5
Selenium	1455		U	0.0012	0.012	0.1	0.5	7
Zinc	1455		U	0.010	0.10	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.24	2.4	10	150	500
Sulphate	1220		U	47	470	1000	20000	50000
Total Dissolved Solids	1020		N	140	1400	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	8.0	80	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	10

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484							
Chemtest Sample ID:	1751909							
Sample Ref:	AA198276							
Sample ID:								
Sample Location:	BH11							
Top Depth(m):	1.00							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	[A] 3.3	3	5	6
Loss On Ignition	2610		M	%	0.59	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] < 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		M		8.7	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.015	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0012	0.012	0.5	2	25
Barium	1455		U	0.021	0.21	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0015	0.015	0.5	10	70
Copper	1455		U	0.023	0.23	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0065	0.065	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0009	0.0093	0.06	0.7	5
Selenium	1455		U	0.0009	0.0085	0.1	0.5	7
Zinc	1455		U	< 0.003	< 0.025	4	50	200
Chloride	1220		U	2.4	24	800	15000	25000
Fluoride	1220		U	0.14	1.4	10	150	500
Sulphate	1220		U	290	2900	1000	20000	50000
Total Dissolved Solids	1020		N	410	4100	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	4.8	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	7.9

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Chemtest Sample ID:	1751910							
Sample Ref:	AA189257							
Sample ID:								
Sample Location:	BH12							
Top Depth(m):	1.00							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		M	%	[A] 0.97	3	5	6
Loss On Ignition	2610		M	%	1.7	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] < 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		M		8.8	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.014	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0008	0.0083	0.5	2	25
Barium	1455		U	0.018	0.18	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0015	0.015	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.010	0.10	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0008	0.0080	0.06	0.7	5
Selenium	1455		U	< 0.0005	< 0.0050	0.1	0.5	7
Zinc	1455		U	0.011	0.11	4	50	200
Chloride	1220		U	1.2	12	800	15000	25000
Fluoride	1220		U	0.31	3.1	10	150	500
Sulphate	1220		U	19	190	1000	20000	50000
Total Dissolved Solids	1020		N	83	830	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	9.4	94	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	11

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484							
Chemtest Sample ID:	1751912							
Sample Ref:	AA198263							
Sample ID:								
Sample Location:	BH13							
Top Depth(m):	1.00							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	[A] 4.0	3	5	6
Loss On Ignition	2610		M	%	0.87	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] < 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	6.0	100	--	--
pH at 20C	2010		M		8.6	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.012	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0006	0.0055	0.5	2	25
Barium	1455		U	0.021	0.21	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0028	0.028	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0018	0.018	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0011	0.011	0.06	0.7	5
Selenium	1455		U	0.0006	0.0060	0.1	0.5	7
Zinc	1455		U	0.014	0.14	4	50	200
Chloride	1220		U	1.2	12	800	15000	25000
Fluoride	1220		U	0.12	1.2	10	150	500
Sulphate	1220		U	230	2300	1000	20000	50000
Total Dissolved Solids	1020		N	300	3000	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	4.2	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	7.0

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484							
Chemtest Sample ID:	1751914							
Sample Ref:	AA198270							
Sample ID:								
Sample Location:	BH14							
Top Depth(m):	1.00							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	[A] 4.9	3	5	6
Loss On Ignition	2610		M	%	2.8	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] < 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	1.4	100	--	--
pH at 20C	2010		M		8.2	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0080	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0021	0.021	0.5	2	25
Barium	1455		U	0.032	0.32	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0017	0.017	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0029	0.029	0.5	10	30
Nickel	1455		U	0.0006	0.0057	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0018	0.018	0.06	0.7	5
Selenium	1455		U	0.0025	0.025	0.1	0.5	7
Zinc	1455		U	0.012	0.12	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.12	1.2	10	150	500
Sulphate	1220		U	52	520	1000	20000	50000
Total Dissolved Solids	1020		N	110	1100	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	5.1	51	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	8.4

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Chemtest Sample ID:	1751916							
Sample Ref:	AA209906							
Sample ID:								
Sample Location:	TP01							
Top Depth(m):	0.70							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		M	%	[A] 9.6	3	5	6
Loss On Ignition	2610		M	%	11	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] < 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	8.3	100	--	--
pH at 20C	2010		M		8.8	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.016	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0078	0.078	0.5	2	25
Barium	1455		U	0.007	0.067	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0089	0.089	0.5	10	70
Copper	1455		U	0.0074	0.074	2	50	100
Mercury	1455		U	0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0094	0.094	0.5	10	30
Nickel	1455		U	0.0008	0.0082	0.4	10	40
Lead	1455		U	0.0041	0.041	0.5	10	50
Antimony	1455		U	0.0047	0.047	0.06	0.7	5
Selenium	1455		U	0.0019	0.019	0.1	0.5	7
Zinc	1455		U	0.013	0.13	4	50	200
Chloride	1220		U	2.7	27	800	15000	25000
Fluoride	1220		U	0.25	2.5	10	150	500
Sulphate	1220		U	34	340	1000	20000	50000
Total Dissolved Solids	1020		N	100	990	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	9.9	99	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	9.1

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484							
Chemtest Sample ID:	1751917							
Sample Ref:	AA209907							
Sample ID:								
Sample Location:	TP01							
Top Depth(m):	1.50							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	[A] 2.4	3	5	6
Loss On Ignition	2610		M	%	5.8	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] 1500	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	2.4	100	--	--
pH at 20C	2010		M		8.1	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.014	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0014	0.014	0.5	2	25
Barium	1455		U	0.010	0.10	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0025	0.025	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0055	0.054	0.5	10	30
Nickel	1455		U	0.0023	0.023	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0023	0.023	0.06	0.7	5
Selenium	1455		U	0.0006	0.0060	0.1	0.5	7
Zinc	1455		U	0.034	0.34	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.10	1.0	10	150	500
Sulphate	1220		U	31	310	1000	20000	50000
Total Dissolved Solids	1020		N	73	730	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	9.7	97	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	20

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484							
Chemtest Sample ID:	1751918							
Sample Ref:	AA209908							
Sample ID:								
Sample Location:	TP01							
Top Depth(m):	2.30							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	[A] 1.9	3	5	6
Loss On Ignition	2610		M	%	31	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] 360	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	4.5	100	--	--
pH at 20C	2010		M		8.7	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.013	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0025	0.025	0.5	2	25
Barium	1455		U	0.043	0.43	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0033	0.033	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.024	0.24	0.5	10	30
Nickel	1455		U	0.0035	0.035	0.4	10	40
Lead	1455		U	0.0007	0.0067	0.5	10	50
Antimony	1455		U	0.0045	0.045	0.06	0.7	5
Selenium	1455		U	0.0009	0.0090	0.1	0.5	7
Zinc	1455		U	0.013	0.13	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.20	2.0	10	150	500
Sulphate	1220		U	11	110	1000	20000	50000
Total Dissolved Solids	1020		N	81	810	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	9.9	99	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	12

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484							
Chemtest Sample ID:	1751919							
Sample Ref:	AA204950							
Sample ID:								
Sample Location:	TP02							
Top Depth(m):	0.70							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	[A] 4.0	3	5	6
Loss On Ignition	2610		M	%	35	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] 200	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	20	100	--	--
pH at 20C	2010		M		9.2	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.011	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0091	0.091	0.5	2	25
Barium	1455		U	0.010	0.10	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0020	0.020	0.5	10	70
Copper	1455		U	0.0033	0.034	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0077	0.077	0.5	10	30
Nickel	1455		U	0.0014	0.014	0.4	10	40
Lead	1455		U	0.0014	0.014	0.5	10	50
Antimony	1455		U	0.011	0.10	0.06	0.7	5
Selenium	1455		U	0.0018	0.018	0.1	0.5	7
Zinc	1455		U	0.014	0.14	4	50	200
Chloride	1220		U	2.5	25	800	15000	25000
Fluoride	1220		U	0.45	4.5	10	150	500
Sulphate	1220		U	45	450	1000	20000	50000
Total Dissolved Solids	1020		N	140	1400	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	5.4	54	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	9.1

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484							
Chemtest Sample ID:	1751920							
Sample Ref:	AA204947							
Sample ID:								
Sample Location:	TP03							
Top Depth(m):	0.50							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	[A] 5.5	3	5	6
Loss On Ignition	2610		M	%	5.8	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] < 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	25	100	--	--
pH at 20C	2010		M		11.0	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0090	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.028	0.28	0.5	2	25
Barium	1455		U	0.006	0.062	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0010	0.0096	0.5	10	70
Copper	1455		U	0.0060	0.060	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.010	0.10	0.5	10	30
Nickel	1455		U	0.0006	0.0065	0.4	10	40
Lead	1455		U	0.0040	0.040	0.5	10	50
Antimony	1455		U	0.011	0.10	0.06	0.7	5
Selenium	1455		U	0.0017	0.017	0.1	0.5	7
Zinc	1455		U	0.009	0.087	4	50	200
Chloride	1220		U	2.7	27	800	15000	25000
Fluoride	1220		U	0.44	4.4	10	150	500
Sulphate	1220		U	25	250	1000	20000	50000
Total Dissolved Solids	1020		N	87	870	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	7.0	70	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	7.8

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484							
Chemtest Sample ID:	1751922							
Sample Ref:	AA204944							
Sample ID:								
Sample Location:	TP04							
Top Depth(m):	0.70							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	[A] 3.2	3	5	6
Loss On Ignition	2610		M	%	5.4	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] 54	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	47	100	--	--
pH at 20C	2010		M		9.8	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.015	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0063	0.063	0.5	2	25
Barium	1455		U	< 0.005	< 0.050	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0035	0.035	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0045	0.045	0.5	10	30
Nickel	1455		U	0.0010	0.010	0.4	10	40
Lead	1455		U	0.0041	0.041	0.5	10	50
Antimony	1455		U	0.0017	0.017	0.06	0.7	5
Selenium	1455		U	0.0013	0.013	0.1	0.5	7
Zinc	1455		U	0.012	0.12	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.12	1.2	10	150	500
Sulphate	1220		U	3.6	36	1000	20000	50000
Total Dissolved Solids	1020		N	55	550	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	9.3	93	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	13

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484							
Chemtest Sample ID:	1751924							
Sample Ref:	AA209902							
Sample ID:								
Sample Location:	TP05							
Top Depth(m):	0.40							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	[A] 13	3	5	6
Loss On Ignition	2610		M	%	8.8	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] 1500	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	83	100	--	--
pH at 20C	2010		M		9.0	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.012	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0078	0.078	0.5	2	25
Barium	1455		U	0.027	0.27	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0008	0.0079	0.5	10	70
Copper	1455		U	0.0064	0.064	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.017	0.17	0.5	10	30
Nickel	1455		U	0.0024	0.024	0.4	10	40
Lead	1455		U	0.0028	0.028	0.5	10	50
Antimony	1455		U	0.024	0.23	0.06	0.7	5
Selenium	1455		U	0.0026	0.026	0.1	0.5	7
Zinc	1455		U	0.014	0.14	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.21	2.1	10	150	500
Sulphate	1220		U	45	450	1000	20000	50000
Total Dissolved Solids	1020		N	58	580	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	7.1	71	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	8.4

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Chemtest Sample ID:	1751925							
Sample Ref:	AA209904							
Sample ID:								
Sample Location:	TP05							
Top Depth(m):	1.60							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		M	%	[A] 0.92	3	5	6
Loss On Ignition	2610		M	%	2.8	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] < 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		M		8.6	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.012	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0008	0.0081	0.5	2	25
Barium	1455		U	< 0.005	< 0.050	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0010	0.011	0.5	10	70
Copper	1455		U	0.0017	0.017	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0051	0.051	0.5	10	30
Nickel	1455		U	0.0009	0.0088	0.4	10	40
Lead	1455		U	0.0005	0.0053	0.5	10	50
Antimony	1455		U	0.0006	0.0062	0.06	0.7	5
Selenium	1455		U	0.0010	0.0095	0.1	0.5	7
Zinc	1455		U	0.034	0.34	4	50	200
Chloride	1220		U	9.3	93	800	15000	25000
Fluoride	1220		U	0.23	2.3	10	150	500
Sulphate	1220		U	5.5	55	1000	20000	50000
Total Dissolved Solids	1020		N	64	640	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	7.5	75	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	15

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484							
Chemtest Sample ID:	1751926							
Sample Ref:	AA209913							
Sample ID:								
Sample Location:	TP06							
Top Depth(m):	1.80							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	[A] 3.2	3	5	6
Loss On Ignition	2610		M	%	0.69	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] < 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		M		8.6	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.017	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0016	0.016	0.5	2	25
Barium	1455		U	0.020	0.20	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0023	0.024	0.5	10	70
Copper	1455		U	0.0014	0.014	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0032	0.032	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0011	0.011	0.06	0.7	5
Selenium	1455		U	0.0011	0.011	0.1	0.5	7
Zinc	1455		U	0.015	0.15	4	50	200
Chloride	1220		U	1.2	12	800	15000	25000
Fluoride	1220		U	0.13	1.3	10	150	500
Sulphate	1220		U	240	2400	1000	20000	50000
Total Dissolved Solids	1020		N	300	3000	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	5.2	52	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	2.3

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484							
Chemtest Sample ID:	1751927							
Sample Ref:	AA209909							
Sample ID:								
Sample Location:	TP07							
Top Depth(m):	0.60							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	[A] 3.1	3	5	6
Loss On Ignition	2610		M	%	2.0	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] 30	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		M		8.6	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.014	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0013	0.013	0.5	2	25
Barium	1455		U	0.022	0.22	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0030	0.030	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.010	0.10	0.5	10	30
Nickel	1455		U	0.0021	0.021	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0015	0.015	0.06	0.7	5
Selenium	1455		U	0.0017	0.017	0.1	0.5	7
Zinc	1455		U	0.017	0.17	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.19	1.9	10	150	500
Sulphate	1220		U	730	7300	1000	20000	50000
Total Dissolved Solids	1020		N	750	7500	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	5.2	52	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	12

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484							
Chemtest Sample ID:	1751929							
Sample Ref:	AA209921							
Sample ID:								
Sample Location:	TP08							
Top Depth(m):	1.40							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	[A] 0.41	3	5	6
Loss On Ignition	2610		M	%	1.6	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] < 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		M		8.4	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0070	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0003	0.0028	0.5	2	25
Barium	1455		U	< 0.005	< 0.050	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0006	0.0065	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0061	0.061	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	< 0.0005	< 0.0050	0.06	0.7	5
Selenium	1455		U	< 0.0005	< 0.0050	0.1	0.5	7
Zinc	1455		U	0.009	0.085	4	50	200
Chloride	1220		U	2.6	26	800	15000	25000
Fluoride	1220		U	0.14	1.4	10	150	500
Sulphate	1220		U	9.6	96	1000	20000	50000
Total Dissolved Solids	1020		N	53	530	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	5.9	59	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	8.1

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Chemtest Sample ID:	1751930							
Sample Ref:	AA209915							
Sample ID:								
Sample Location:	TP10							
Top Depth(m):	1.60							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		M	%	[A] 0.84	3	5	6
Loss On Ignition	2610		M	%	4.4	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] < 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		M		9.1	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0060	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0044	0.043	0.5	2	25
Barium	1455		U	< 0.005	< 0.050	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0008	0.0078	0.5	10	70
Copper	1455		U	0.0035	0.035	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0061	0.061	0.5	10	30
Nickel	1455		U	0.0006	0.0056	0.4	10	40
Lead	1455		U	0.0011	0.011	0.5	10	50
Antimony	1455		U	0.0021	0.021	0.06	0.7	5
Selenium	1455		U	0.0006	0.0059	0.1	0.5	7
Zinc	1455		U	0.026	0.26	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.18	1.8	10	150	500
Sulphate	1220		U	12	120	1000	20000	50000
Total Dissolved Solids	1020		N	76	760	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	9.4	94	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	14

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Site 1 NDFA Social Housing

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-00484							
Chemtest Sample ID:	1751931							
Sample Ref:	AA209918							
Sample ID:								
Sample Location:	TP11							
Top Depth(m):	1.30							
Bottom Depth(m):								
Sampling Date:								
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	[A] 4.2	3	5	6
Loss On Ignition	2610		M	%	6.8	--	--	10
Total BTEX	2760		M	mg/kg	[A] < 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	[A] 61	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		M		8.6	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0070	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0043	0.043	0.5	2	25
Barium	1455		U	0.014	0.14	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0072	0.072	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.051	0.51	0.5	10	30
Nickel	1455		U	0.0046	0.046	0.4	10	40
Lead	1455		U	0.0005	0.0052	0.5	10	50
Antimony	1455		U	0.0056	0.056	0.06	0.7	5
Selenium	1455		U	0.0027	0.027	0.1	0.5	7
Zinc	1455		U	0.012	0.12	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.18	1.8	10	150	500
Sulphate	1220		U	73	730	1000	20000	50000
Total Dissolved Solids	1020		N	200	2000	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	9.1	91	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	11

Waste Acceptance Criteria

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

TPH Interpretation

Job	Sample	Matrix	Location	Sample Ref	Sample ID	Sample Depth (m)	Gasoline / Diesel Present	TPH Interpretation
24-00484	1751908	S	BH10	AA191710		2.00	No	Lube Oil
24-00484	1751917	S	TP01	AA209907		1.50	No	Diesel
24-00484	1751924	S	TP05	AA209902		0.40	No	Diesel and PAH

Deviations

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

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
1751890	AA198277		BH01		A	Amber Glass 250ml
1751890	AA198277		BH01		A	Plastic Tub 500g
1751891	AA198278		BH01		A	Amber Glass 250ml
1751891	AA198278		BH01		A	Plastic Tub 500g
1751892	AA193265		BH02A		A	Amber Glass 250ml
1751892	AA193265		BH02A		A	Plastic Tub 500g
1751893	AA193267		BH02A		A	Amber Glass 250ml
1751893	AA193267		BH02A		A	Plastic Tub 500g
1751894	AA208550		BH03		A	Amber Glass 250ml
1751894	AA208550		BH03		A	Plastic Tub 500g
1751895	AA208551		BH03		A	Amber Glass 250ml
1751895	AA208551		BH03		A	Plastic Tub 500g
1751896	AA208557		BH04		A	Amber Glass 250ml
1751896	AA208557		BH04		A	Plastic Tub 500g
1751897	AA208558		BH04		A	Amber Glass 250ml
1751897	AA208558		BH04		A	Plastic Tub 500g
1751898	AA208542		BH05		A	Amber Glass 250ml
1751898	AA208542		BH05		A	Plastic Tub 500g
1751899	AA208543		BH05		A	Amber Glass 250ml
1751899	AA208543		BH05		A	Plastic Tub 500g
1751900	AA193273		BH06		A	Amber Glass 250ml
1751900	AA193273		BH06		A	Plastic Tub 500g

Deviations

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

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
1751901	AA193274		BH06		A	Amber Glass 250ml
1751901	AA193274		BH06		A	Plastic Tub 500g
1751902	AA193277		BH06		A	Amber Glass 250ml
1751902	AA193277		BH06		A	Plastic Tub 500g
1751903	AA193287		BH07		A	Amber Glass 250ml
1751903	AA193287		BH07		A	Plastic Tub 500g
1751904	AA193288		BH07		A	Amber Glass 250ml
1751904	AA193288		BH07		A	Plastic Tub 500g
1751905	AA193281		BH08		A	Amber Glass 250ml
1751905	AA193281		BH08		A	Plastic Tub 500g
1751906	AA193282		BH08		A	Amber Glass 250ml
1751906	AA193282		BH08		A	Plastic Tub 500g
1751907	AA193293		BH09		A	Amber Glass 250ml
1751907	AA193293		BH09		A	Plastic Tub 500g
1751908	AA191710		BH10		A	Amber Glass 250ml
1751908	AA191710		BH10		A	Plastic Tub 500g
1751909	AA198276		BH11		A	Amber Glass 250ml
1751909	AA198276		BH11		A	Plastic Tub 500g
1751910	AA189257		BH12		A	Amber Glass 250ml
1751910	AA189257		BH12		A	Plastic Tub 500g
1751911	AA189258		BH12		A	Amber Glass 250ml
1751911	AA189258		BH12		A	Plastic Tub 500g

Deviations

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

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
1751912	AA198263		BH13		A	Amber Glass 250ml
1751912	AA198263		BH13		A	Plastic Tub 500g
1751913	AA198265		BH13		A	Amber Glass 250ml
1751913	AA198265		BH13		A	Plastic Tub 500g
1751914	AA198270		BH14		A	Amber Glass 250ml
1751914	AA198270		BH14		A	Plastic Tub 500g
1751915	AA198271		BH14		A	Amber Glass 250ml
1751915	AA198271		BH14		A	Plastic Tub 500g
1751916	AA209906		TP01		A	Amber Glass 250ml
1751916	AA209906		TP01		A	Plastic Tub 500g
1751917	AA209907		TP01		A	Amber Glass 250ml
1751917	AA209907		TP01		A	Plastic Tub 500g
1751918	AA209908		TP01		A	Amber Glass 250ml
1751918	AA209908		TP01		A	Plastic Tub 500g
1751919	AA204950		TP02		A	Amber Glass 250ml
1751919	AA204950		TP02		A	Plastic Tub 500g
1751920	AA204947		TP03		A	Amber Glass 250ml
1751920	AA204947		TP03		A	Plastic Tub 500g
1751921	AA204948		TP03		A	Amber Glass 250ml
1751921	AA204948		TP03		A	Plastic Tub 500g
1751922	AA204944		TP04		A	Amber Glass 250ml
1751922	AA204944		TP04		A	Plastic Tub 500g

Deviations

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

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
1751923	AA204946		TP04		A	Amber Glass 250ml
1751923	AA204946		TP04		A	Plastic Tub 500g
1751924	AA209902		TP05		A	Amber Glass 250ml
1751924	AA209902		TP05		A	Plastic Tub 500g
1751925	AA209904		TP05		A	Amber Glass 250ml
1751925	AA209904		TP05		A	Plastic Tub 500g
1751926	AA209913		TP06		A	Amber Glass 250ml
1751926	AA209913		TP06		A	Plastic Tub 500g
1751927	AA209909		TP07		A	Amber Glass 250ml
1751927	AA209909		TP07		A	Plastic Tub 500g
1751928	AA209911		TP07		A	Amber Glass 250ml
1751928	AA209911		TP07		A	Plastic Tub 500g
1751929	AA209921		TP08		A	Amber Glass 250ml
1751929	AA209921		TP08		A	Plastic Tub 500g
1751930	AA209915		TP10		A	Amber Glass 250ml
1751930	AA209915		TP10		A	Plastic Tub 500g
1751931	AA209918		TP11		A	Amber Glass 250ml
1751931	AA209918		TP11		A	Plastic Tub 500g

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
1010	pH Value of Waters	pH at 20°C	pH Meter	
1020	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Electrical Conductivity at 25°C and Total Dissolved Solids (TDS) in Waters	Conductivity Meter	
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.	
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).	
1610	Total/Dissolved Organic Carbon in Waters	Organic Carbon	TOC Analyser using Catalytic Oxidation	
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.	
2010	pH Value of Soils	pH at 20°C	pH Meter	
2015	Acid Neutralisation Capacity	Acid Reserve	Titration	
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <30°C.	
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930	
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES	
2175	Total Sulphur in Soils	Total Sulphur	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.	
2180	Sulphur (Elemental) in Soils by HPLC	Sulphur	Dichloromethane extraction / HPLC with UV detection	
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry	
2220	Water soluble Chloride in Soils	Chloride	Aqueous extraction and measurememrnt by 'Aquakem 600' Discrete Analyser using ferric nitrate / mercuric thiocyanate.	
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Allkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.	
2325	Sulphide in Soils	Sulphide	Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N–dimethyl-p-phenylenediamine.	
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.	
2455	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.	
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.	
2610	Loss on Ignition	loss on ignition (LOI)	Determination of the proportion by mass that is lost from a soil by ignition at 550°C.	
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.	
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID	

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
2690	EPH A/A Split	Aliphatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40 Aromatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40	Acetone/Heptane extraction / GCxGC FID detection	
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.	
2780	VPH A/A Split	Aliphatics: >C5–C6, >C6–C7,>C7–C8,>C8-C10 Aromatics: >C5–C7,>C7-C8,>C8–C10	Water extraction / Headspace GCxGC FID detection	
2800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Dibenz[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene*	Dichloromethane extraction / GC-MS	
2815	Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS	ICES7 PCB congeners	Acetone/Hexane extraction / GC-MS. Reported PCB 101 results may contain contributions from PCB 90 due to inseparable chromatography.	
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.	
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge	

Report Information

Key

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

Comments or interpretations are beyond the scope of UKAS accreditation
The results relate only to the items tested
Uncertainty of measurement for the determinands tested are available upon request
None of the results in this report have been recovery corrected
All results are expressed on a dry weight basis

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

For all other tests the samples were dried at < 37°C prior to analysis
All Asbestos testing is performed at the indicated laboratory
Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

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

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt
All water samples will be retained for 14 days from the date of receipt
Charges may apply to extended sample storage

Water Sample Category Key for Accreditation

DW - Drinking Water
GW - Ground Water
LE - Land Leachate
NA - Not Applicable
PL - Prepared Leachate
PW - Processed Water

Report Information

RE - Recreational Water
SA - Saline Water
SW - Surface Water
TE - Treated Effluent
TS - Treated Sewage
UL - Unspecified Liquid

Clean Up Codes

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

HWOL Acronym System

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

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com

eurofins | Chemtest
Eurofins Chemtest Ltd
Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070
Email: info@chemtest.com

Amended Report

Report No.:	24-10333-2		
Initial Date of Issue:	15-Apr-2024	**Date of Re-Issue:**	23-Apr-2024
Re-Issue Details:	This report has been revised and directly supersedes 24-10333-1 in its entirety		
Client	IGSL		
Client Address:	M7 Business Park Naas County Kildare Ireland		
Contact(s):	Darren Keogh		
Project	25000-1 Stanley Street		
Quotation No.:	Q23-33421	**Date Received:**	04-Apr-2024
Order No.:		**Date Instructed:**	04-Apr-2024
No. of Samples:	28		
Turnaround (Wkdays):	8	**Results Due:**	15-Apr-2024
Date Approved:	15-Apr-2024		
Approved By:			
Details:	David Smith, Technical Director		

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

Results - Leachate

Project: 25000-1 Stanley Street

Client: IGSL						**Chemtest Job No.:**	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333
Quotation No.: Q23-33421						**Chemtest Sample ID.:**	1788701	1788702	1788703	1788704	1788705	1788706	1788707	1788708	1788709
Order No.:						Client Sample Ref.:	WS1	WS1	WS2	WS2	WS3	WS4	WS4	WS5	WS5
						Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
						Top Depth (m):	1.00	2.00	0.00	2.00	0.00	0.00	1.00	0.00	2.50
						Bottom Depth (m):	2.00	3.50	1.00	3.00	2.00	1.00	2.90	2.00	3.50
						Date Sampled:	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024
Determinand	**Accred.**	**SOP**	**Type**	**Units**	**LOD**										
Ammonium	U	1220	10:1	mg/l	0.050		0.050	0.068	1.6	0.090	1.6	1.6	1.1	0.93	0.93
Ammonium	N	1220	10:1	mg/kg	0.10		0.56	0.76	17	0.94	17	17	11	9.5	9.4

Results - Leachate

Project: 25000-1 Stanley Street

Client: IGSL						**Chemtest Job No.:**	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333
Quotation No.: Q23-33421						**Chemtest Sample ID.:**	1788710	1788711	1788712	1788713	1788714	1788715	1788716	1788717	1788718
Order No.:						Client Sample Ref.:	WS6	WS6	WS3	WS7	WS7	WS8	WS9	WS9	WS9
						Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
						Top Depth (m):	0.00	2.00	2.00	0.00	2.00	0.00	0.00	1.50	2.50
						Bottom Depth (m):	2.00	4.00	3.00	1.00	4.00	1.00	1.50	2.50	3.50
						Date Sampled:	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024
Determinand	**Accred.**	**SOP**	**Type**	**Units**	**LOD**										
Ammonium	U	1220	10:1	mg/l	0.050		0.055	0.45	0.55	2.1	2.6	0.13	0.42	0.46	0.057
Ammonium	N	1220	10:1	mg/kg	0.10		0.57	17	6.2	55	27	1.3	4.3	4.8	0.59

Results - Leachate

Project: 25000-1 Stanley Street

Client: IGSL				**Chemtest Job No.:**		24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333
Quotation No.: Q23-33421				**Chemtest Sample ID.:**		1788719	1788720	1788721	1788722	1788723	1788724	1788725	1788726	1788727
Order No.:				Client Sample Ref.:		WS10	WS10	WS11	WS12	WS12	WS13	WS13	WS14	WS15
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		0.00	1.50	0.00	0.00	2.50	0.50	2.50	0.50	0.50
				Bottom Depth (m):		1.00	3.00	1.50	2.00	3.50	2.00	4.00	2.00	2.00
				Date Sampled:		02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024
Determinand	**Accred.**	**SOP**	**Type**	**Units**	**LOD**									
Ammonium	U	1220	10:1	mg/l	0.050	0.72	1.1	0.071	0.38	0.35	1.7	0.47	< 0.050	0.077
Ammonium	N	1220	10:1	mg/kg	0.10	7.4	11	0.75	3.9	3.6	18	5.2	0.59	0.82

Results - Leachate

Project: 25000-1 Stanley Street

Client: IGSL				**Chemtest Job No.:**		24-10333
Quotation No.: Q23-33421				**Chemtest Sample ID.:**		1788728
Order No.:				Client Sample Ref.:		WS15
				Sample Type:		SOIL
				Top Depth (m):		2.50
				Bottom Depth (m):		4.00
				Date Sampled:		02-Apr-2024
Determinand	**Accred.**	**SOP**	**Type**	**Units**	**LOD**	
Ammonium	U	1220	10:1	mg/l	0.050	0.79
Ammonium	N	1220	10:1	mg/kg	0.10	8.3

Results - Soil

Project: 25000-1 Stanley Street

Client: IGSL						**Chemtest Job No.:**	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333
Quotation No.: Q23-33421						**Chemtest Sample ID.:**	1788701	1788702	1788703	1788704	1788705	1788706	1788707	1788708
Order No.:						Client Sample Ref.:	WS1	WS1	WS2	WS2	WS3	WS4	WS4	WS5
						Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
						Top Depth (m):	1.00	2.00	0.00	2.00	0.00	0.00	1.00	0.00
						Bottom Depth (m):	2.00	3.50	1.00	3.00	2.00	1.00	2.90	2.00
						Date Sampled:	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024
						Asbestos Lab:	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**									
ACM Type		U	2192		N/A		-	-	-	-	-	-	-	-
Asbestos Identification		U	2192		N/A		No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Moisture		N	2030	%	0.020		17	11	11	11	20	7.8	21	22
Soil Colour		N	2040		N/A		Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Other Material		N	2040		N/A		Stones	Stones	Stones	Stones	Stones	Stones	Stones	Stones
Soil Texture		N	2040		N/A		Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay
Boron (Hot Water Soluble)		M	2120	mg/kg	0.40		3.4	< 0.40	1.8	< 0.40	1.3	< 0.40	1.6	< 0.40
Sulphur (Elemental)		M	2180	mg/kg	1.0		200	36	28	84	17	4.3	190	37
Cyanide (Total)		M	2300	mg/kg	0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Sulphide (Easily Liberatable)		N	2325	mg/kg	0.50		5.6	6.9	5.8	8.3	4.4	5.5	5.2	7.3
Sulphate (Total)		U	2430	%	0.010		0.22	0.23	0.18	0.18	0.099	0.59	0.25	0.18
Arsenic		M	2455	mg/kg	0.5		20	13	13	7.9	18	58	19	24
Barium		M	2455	mg/kg	0.5		140	120	79	49	180	590	210	120
Cadmium		M	2455	mg/kg	0.10		2.2	1.8	2.9	1.8	3.7	0.79	2.3	6.8
Chromium		M	2455	mg/kg	0.5		24	16	15	9.9	27	8.7	23	21
Molybdenum		M	2455	mg/kg	0.5		5.4	4.6	4.9	2.8	6.5	1.3	7.0	9.9
Antimony		N	2455	mg/kg	2.0		2.3	< 2.0	< 2.0	< 2.0	2.0	12	2.7	6.9
Copper		M	2455	mg/kg	0.50		77	42	45	22	45	100	53	67
Mercury		M	2455	mg/kg	0.05		0.25	0.10	0.20	0.07	0.16	0.18	0.27	0.72
Nickel		M	2455	mg/kg	0.50		60	54	57	35	74	30	57	52
Lead		M	2455	mg/kg	0.50		95	49	58	19	50	390	93	160
Selenium		M	2455	mg/kg	0.25		1.3	1.7	2.0	0.96	1.3	0.85	1.3	6.5
Zinc		M	2455	mg/kg	0.50		150	94	120	66	140	260	150	220
Chromium (Trivalent)		N	2490	mg/kg	1.0		24	16	15	9.9	27	8.7	23	21
Chromium (Hexavalent)		N	2490	mg/kg	0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05	0.20	< 0.05	0.14	0.38
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05		5.1	0.28	< 0.05	2.5	2.0	< 0.05	2.9	6.3
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25		5.1	0.28	< 0.25	2.5	2.2	< 0.25	3.0	6.7
Aliphatic EPH >C10-C12 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00		320	35	5.9	13	76	3.9	64	130
Aliphatic EPH >C12-C16 MC	EH_2D_AL_#1	M	2690	mg/kg	1.00		1100	140	6.0	57	250	2.9	150	380
Aliphatic EPH >C16-C21 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00		1200	160	22	58	320	< 2.0	160	470
Aliphatic EPH >C21-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	3.00		990	180	870	42	760	< 3.0	370	840
Aliphatic EPH >C35-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00		130	40	36	11	140	< 10	92	170
Total Aliphatic EPH >C10-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	5.00		3500	520	910	170	1400	8.4	750	1800

Results - Soil

Project: 25000-1 Stanley Street

Client: IGSL						**Chemtest Job No.:**	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333
Quotation No.: Q23-33421						**Chemtest Sample ID.:**	1788701	1788702	1788703	1788704	1788705	1788706	1788707	1788708
Order No.:						Client Sample Ref.:	WS1	WS1	WS2	WS2	WS3	WS4	WS4	WS5
						Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
						Top Depth (m):	1.00	2.00	0.00	2.00	0.00	0.00	1.00	0.00
						Bottom Depth (m):	2.00	3.50	1.00	3.00	2.00	1.00	2.90	2.00
						Date Sampled:	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024
						Asbestos Lab:	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**									
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.42
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25		< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	0.42
Aromatic EPH >C10-C12 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00		210	9.8	< 1.0	2.8	46	< 1.0	30	110
Aromatic EPH >C12-C16 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00		900	88	< 1.0	30	200	< 1.0	130	400
Aromatic EPH >C16-C21 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00		710	83	9.6	31	140	< 2.0	81	240
Aromatic EPH >C21-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00		< 2.0	2.2	< 2.0	3.1	5.4	< 2.0	< 2.0	8.0
Aromatic EPH >C35-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	1.00		3.5	3.0	6.1	1.4	3.3	1.1	1.7	1.0
Total Aromatic EPH >C10-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	5.00		1800	180	11	68	390	< 5.0	240	760
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50		5.1	< 0.50	< 0.50	2.5	2.2	< 0.50	3.0	7.1
Total EPH >C10-C35 MC	EH_2D_Total_#1	U	2690	mg/kg	10.00		5300	700	920	240	1800	11	990	2600
Mineral Oil EPH		N	2670	mg/kg	10		3600	560	950	180	1500	< 10	840	2000
Diesel Present		N	2670		N/A		True	True	False	True	True	False	True	True
Benzene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methyl Tert-Butyl Ether		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene		N	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	1.1	< 0.10
Fluorene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	1.5	< 0.10
Phenanthrene		M	2800	mg/kg	0.10		< 0.10	0.98	0.33	< 0.10	2.4	0.21	2.6	< 0.10
Anthracene		M	2800	mg/kg	0.10		< 0.10	0.13	0.17	< 0.10	< 0.10	< 0.10	0.65	< 0.10
Fluoranthene		M	2800	mg/kg	0.10		< 0.10	0.33	0.50	< 0.10	0.43	0.26	1.4	< 0.10
Pyrene		M	2800	mg/kg	0.10		< 0.10	0.23	0.46	< 0.10	0.48	0.22	1.1	< 0.10
Benzo[a]anthracene		M	2800	mg/kg	0.10		< 0.10	< 0.10	0.29	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Chrysene		M	2800	mg/kg	0.10		< 0.10	< 0.10	0.31	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene		M	2800	mg/kg	0.10		< 0.10	< 0.10	0.41	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene		M	2800	mg/kg	0.10		< 0.10	< 0.10	0.19	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene		M	2800	mg/kg	0.10		< 0.10	< 0.10	0.36	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene		M	2800	mg/kg	0.10		< 0.10	< 0.10	0.69	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene		N	2800	mg/kg	0.10		< 0.10	< 0.10	0.88	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene		M	2800	mg/kg	0.10		< 0.10	< 0.10	0.49	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Coronene		N	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
PCB 28		U	2815	mg/kg	0.010		< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

Results - Soil

Project: 25000-1 Stanley Street

Client: IGSL													
Quotation No.: Q23-33421				**Chemtest Job No.:**		24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333
Order No.:				**Chemtest Sample ID.:**		1788701	1788702	1788703	1788704	1788705	1788706	1788707	1788708
				Client Sample Ref.:		WS1	WS1	WS2	WS2	WS3	WS4	WS4	WS5
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		1.00	2.00	0.00	2.00	0.00	0.00	1.00	0.00
				Bottom Depth (m):		2.00	3.50	1.00	3.00	2.00	1.00	2.90	2.00
				Date Sampled:		02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024
				Asbestos Lab:		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**								
PCB 52		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 101		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 118		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 153		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 138		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 180		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total PCBs (7 Congeners)		U	2815	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Phenols		M	2920	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Results - Soil

Project: 25000-1 Stanley Street

Client: IGSL						**Chemtest Job No.:**	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333
Quotation No.: Q23-33421						**Chemtest Sample ID.:**	1788709	1788710	1788711	1788712	1788713	1788714	1788715	1788716
Order No.:						Client Sample Ref.:	WS5	WS6	WS6	WS3	WS7	WS7	WS8	WS9
						Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
						Top Depth (m):	2.50	0.00	2.00	2.00	0.00	2.00	0.00	0.00
						Bottom Depth (m):	3.50	2.00	4.00	3.00	1.00	4.00	1.00	1.50
						Date Sampled:	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024
						Asbestos Lab:	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**									
ACM Type		U	2192		N/A		-	-	-	-	-	-	-	-
Asbestos Identification		U	2192		N/A		No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Moisture		N	2030	%	0.020		9.8	24	14	14	20	21	27	7.1
Soil Colour		N	2040		N/A		Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Other Material		N	2040		N/A		Stones	Stones	Stones	Stones	Stones	Stones	Stones	Stones
Soil Texture		N	2040		N/A		Clay	Clay	Clay	Clay	Clay	Clay	Clay	Loam
Boron (Hot Water Soluble)		M	2120	mg/kg	0.40		< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
Sulphur (Elemental)		M	2180	mg/kg	1.0		23	38	4.1	11	38	500	140	200
Cyanide (Total)		M	2300	mg/kg	0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	0.80	< 0.50
Sulphide (Easily Liberatable)		N	2325	mg/kg	0.50		4.6	8.7	11	11	17	7.7	38	7.6
Sulphate (Total)		U	2430	%	0.010		0.14	0.19	0.13	0.038	0.29	0.60	0.52	0.43
Arsenic		M	2455	mg/kg	0.5		16	17	20	12	22	14	12	14
Barium		M	2455	mg/kg	0.5		83	100	140	83	180	130	240	89
Cadmium		M	2455	mg/kg	0.10		3.5	1.5	3.1	2.2	1.7	2.2	5.4	1.2
Chromium		M	2455	mg/kg	0.5		18	17	26	16	22	22	24	14
Molybdenum		M	2455	mg/kg	0.5		6.5	3.3	5.6	3.0	8.3	5.7	46	3.7
Antimony		N	2455	mg/kg	2.0		2.5	2.1	2.6	< 2.0	3.4	< 2.0	6.7	< 2.0
Copper		M	2455	mg/kg	0.50		40	100	59	40	130	45	170	35
Mercury		M	2455	mg/kg	0.05		0.17	0.58	0.15	0.15	1.3	0.27	0.93	0.08
Nickel		M	2455	mg/kg	0.50		52	47	80	52	54	51	36	42
Lead		M	2455	mg/kg	0.50		45	190	57	140	490	77	370	30
Selenium		M	2455	mg/kg	0.25		3.2	1.4	3.6	1.1	1.5	1.1	0.68	1.0
Zinc		M	2455	mg/kg	0.50		140	140	150	110	220	130	550	93
Chromium (Trivalent)		N	2490	mg/kg	1.0		18	17	26	16	22	22	24	14
Chromium (Hexavalent)		N	2490	mg/kg	0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05		< 0.05	< 0.05	0.23	< 0.05	< 0.05	0.65	< 0.05	< 0.05
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05		0.34	3.9	4.2	0.86	< 0.05	14	1.0	< 0.05
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25		0.34	3.9	4.4	0.86	< 0.25	15	1.0	< 0.25
Aliphatic EPH >C10-C12 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00		11	240	100	170	30	320	710	56
Aliphatic EPH >C12-C16 MC	EH_2D_AL_#1	M	2690	mg/kg	1.00		34	1100	500	720	24	1200	2600	310
Aliphatic EPH >C16-C21 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00		27	1400	710	930	19	1500	5000	520
Aliphatic EPH >C21-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	3.00		41	710	330	2200	48	1400	39000	940
Aliphatic EPH >C35-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00		18	97	48	420	25	250	7000	170
Total Aliphatic EPH >C10-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	5.00		110	3400	1600	4000	120	4500	47000	1800

Results - Soil

Project: 25000-1 Stanley Street

Client: IGSL						**Chemtest Job No.:**	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333
Quotation No.: Q23-33421						**Chemtest Sample ID.:**	1788709	1788710	1788711	1788712	1788713	1788714	1788715	1788716
Order No.:						Client Sample Ref.:	WS5	WS6	WS6	WS3	WS7	WS7	WS8	WS9
						Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
						Top Depth (m):	2.50	0.00	2.00	2.00	0.00	2.00	0.00	0.00
						Bottom Depth (m):	3.50	2.00	4.00	3.00	1.00	4.00	1.00	1.50
						Date Sampled:	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024
						Asbestos Lab:	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**									
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	0.15	< 0.05	< 0.05
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25		< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Aromatic EPH >C10-C12 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00		< 1.0	130	56	84	28	170	280	15
Aromatic EPH >C12-C16 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00		15	940	480	530	26	1200	1300	130
Aromatic EPH >C16-C21 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00		5.9	630	300	370	27	710	1900	190
Aromatic EPH >C21-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00		3.6	21	7.7	< 2.0	49	32	20	28
Aromatic EPH >C35-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	1.00		4.8	30	11	2.2	23	4.9	130	99
Total Aromatic EPH >C10-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	5.00		25	1700	840	990	130	2100	3500	360
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50		< 0.50	3.9	4.4	0.86	< 0.50	15	1.0	< 0.50
Total EPH >C10-C35 MC	EH_2D_Total_#1	U	2690	mg/kg	10.00		140	5100	2500	5000	250	6600	51000	2200
Mineral Oil EPH		N	2670	mg/kg	10		130	3500	1600	4400	160	4800	54000	2000
Diesel Present		N	2670		N/A		True	True	True	True	False	True	True	True
Benzene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	5.2	< 1.0
Ethylbenzene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	23	< 1.0
o-Xylene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	44	< 1.0
Methyl Tert-Butyl Ether		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	0.31	< 0.10	< 0.10	6.9
Acenaphthylene		N	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.80
Acenaphthene		M	2800	mg/kg	0.10		1.5	< 0.10	0.31	< 0.10	< 0.10	2.1	< 0.10	45
Fluorene		M	2800	mg/kg	0.10		2.0	< 0.10	0.30	< 0.10	< 0.10	4.0	< 0.10	48
Phenanthrene		M	2800	mg/kg	0.10		3.6	0.62	0.64	3.1	1.6	6.3	9.5	150
Anthracene		M	2800	mg/kg	0.10		1.5	< 0.10	0.89	< 0.10	0.37	0.96	2.3	19
Fluoranthene		M	2800	mg/kg	0.10		2.1	0.19	0.37	0.95	1.6	1.9	7.2	50
Pyrene		M	2800	mg/kg	0.10		1.4	0.19	0.26	0.80	1.3	1.5	6.5	32
Benzo[a]anthracene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	0.55	< 0.10	< 0.10	6.7
Chrysene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	0.61	< 0.10	< 0.10	5.5
Benzo[b]fluoranthene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	0.72	< 0.10	< 0.10	3.0
Benzo[k]fluoranthene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	0.24	< 0.10	< 0.10	1.0
Benzo[a]pyrene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	0.55	< 0.10	< 0.10	2.5
Indeno(1,2,3-c,d)Pyrene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	0.32	< 0.10	< 0.10	0.89
Dibenz(a,h)Anthracene		N	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.19
Benzo[g,h,i]perylene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	0.42	< 0.10	< 0.10	0.80
Coronene		N	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
PCB 28		U	2815	mg/kg	0.010		< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

Results - Soil

Project: 25000-1 Stanley Street

Client: IGSL													
				Chemtest Job No.:		24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333
Quotation No.: Q23-33421				**Chemtest Sample ID.:**		1788709	1788710	1788711	1788712	1788713	1788714	1788715	1788716
Order No.:				Client Sample Ref.:		WS5	WS6	WS6	WS3	WS7	WS7	WS8	WS9
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		2.50	0.00	2.00	2.00	0.00	2.00	0.00	0.00
				Bottom Depth (m):		3.50	2.00	4.00	3.00	1.00	4.00	1.00	1.50
				Date Sampled:		02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024
				Asbestos Lab:		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**								
PCB 52		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 101		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 118		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 153		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 138		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 180		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total PCBs (7 Congeners)		U	2815	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Phenols		M	2920	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.34	< 0.10

Results - Soil

Project: 25000-1 Stanley Street

Client: IGSL					**Chemtest Job No.:**	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333
Quotation No.: Q23-33421					**Chemtest Sample ID.:**	1788717	1788718	1788719	1788720	1788721	1788722	1788723	1788724
Order No.:					Client Sample Ref.:	WS9	WS9	WS10	WS10	WS11	WS12	WS12	WS13
					Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
					Top Depth (m):	1.50	2.50	0.00	1.50	0.00	0.00	2.50	0.50
					Bottom Depth (m):	2.50	3.50	1.00	3.00	1.50	2.00	3.50	2.00
					Date Sampled:	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024
					Asbestos Lab:	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**								
ACM Type		U	2192		N/A	-	-	-	-	-	-	-	-
Asbestos Identification		U	2192		N/A	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Moisture		N	2030	%	0.020	17	6.0	5.7	20	21	12	11	26
Soil Colour		N	2040		N/A	Brown	Brown	Brown	Brown	Brown	Brown	Brown	Brown
Other Material		N	2040		N/A	Stones and Glass	Stones	Stones	Stones	Stones	Stones	Stones	Stones
Soil Texture		N	2040		N/A	Clay	Clay	Clay	Clay	Clay	Clay	Clay	Clay
Boron (Hot Water Soluble)		M	2120	mg/kg	0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40	< 0.40
Sulphur (Elemental)		M	2180	mg/kg	1.0	110	< 1.0	5.6	46	15	750	1200	190
Cyanide (Total)		M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	19	7.7	0.80
Sulphide (Easily Liberatable)		N	2325	mg/kg	0.50	11	8.0	8.5	5.9	12	32	37	14
Sulphate (Total)		U	2430	%	0.010	0.26	0.75	0.69	0.069	0.19	3.3	1.8	0.22
Arsenic		M	2455	mg/kg	0.5	9.6	23	36	7.1	23	44	4.5	16
Barium		M	2455	mg/kg	0.5	84	180	460	92	130	330	67	120
Cadmium		M	2455	mg/kg	0.10	1.5	1.3	0.37	0.87	0.90	1.4	1.5	0.80
Chromium		M	2455	mg/kg	0.5	14	20	5.5	13	14	12	11	12
Molybdenum		M	2455	mg/kg	0.5	2.8	5.2	< 0.5	2.3	3.9	12	3.4	4.1
Antimony		N	2455	mg/kg	2.0	< 2.0	2.9	6.3	< 2.0	3.5	9.4	< 2.0	3.9
Copper		M	2455	mg/kg	0.50	27	120	68	22	100	110	24	87
Mercury		M	2455	mg/kg	0.05	0.09	1.4	0.10	0.08	0.52	0.17	0.06	0.96
Nickel		M	2455	mg/kg	0.50	40	54	16	33	42	39	29	36
Lead		M	2455	mg/kg	0.50	44	340	300	21	240	320	28	240
Selenium		M	2455	mg/kg	0.25	0.52	1.6	0.44	0.60	1.2	1.8	0.91	1.2
Zinc		M	2455	mg/kg	0.50	77	200	150	78	140	230	76	140
Chromium (Trivalent)		N	2490	mg/kg	1.0	14	20	5.5	13	14	12	11	12
Chromium (Hexavalent)		N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05	0.35	< 0.05	< 0.05	0.22	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05	4.7	< 0.05	< 0.05	6.5	< 0.05	< 0.05	< 0.05	< 0.05
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25	5.0	< 0.25	< 0.25	6.8	< 0.25	< 0.25	< 0.25	< 0.25
Aliphatic EPH >C10-C12 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	220	14	22	160	12	11	14	18
Aliphatic EPH >C12-C16 MC	EH_2D_AL_#1	M	2690	mg/kg	1.00	890	24	14	660	7.5	5.4	18	16
Aliphatic EPH >C16-C21 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	1200	28	11	850	4.9	< 2.0	10	4.7
Aliphatic EPH >C21-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	3.00	1300	93	45	480	54	44	39	57
Aliphatic EPH >C35-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00	240	39	21	76	17	17	14	24
Total Aliphatic EPH >C10-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	5.00	3600	160	91	2100	78	62	82	95

Results - Soil

Project: 25000-1 Stanley Street

Client: IGSL						**Chemtest Job No.:**	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333
Quotation No.: Q23-33421						**Chemtest Sample ID.:**	1788717	1788718	1788719	1788720	1788721	1788722	1788723	1788724
Order No.:						Client Sample Ref.:	WS9	WS9	WS10	WS10	WS11	WS12	WS12	WS13
						Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
						Top Depth (m):	1.50	2.50	0.00	1.50	0.00	0.00	2.50	0.50
						Bottom Depth (m):	2.50	3.50	1.00	3.00	1.50	2.00	3.50	2.00
						Date Sampled:	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024
						Asbestos Lab:	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**									
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05		0.39	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25		0.39	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Aromatic EPH >C10-C12 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00		120	12	12	83	< 1.0	< 1.0	< 1.0	1.3
Aromatic EPH >C12-C16 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00		900	61	26	580	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic EPH >C16-C21 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00		630	55	21	380	< 2.0	< 2.0	2.2	< 2.0
Aromatic EPH >C21-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00		19	11	42	11	9.8	11	8.1	11
Aromatic EPH >C35-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	1.00		5.0	12	16	12	15	14	13	16
Total Aromatic EPH >C10-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	5.00		1700	140	100	1100	11	11	11	14
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50		5.4	< 0.50	< 0.50	6.8	< 0.50	< 0.50	< 0.50	< 0.50
Total EPH >C10-C35 MC	EH_2D_Total_#1	U	2690	mg/kg	10.00		5300	300	190	3200	90	74	92	110
Mineral Oil EPH		N	2670	mg/kg	10		3800	170	110	2200	95	79	96	120
Diesel Present		N	2670		N/A		True	False	True	True	False	False	False	False
Benzene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	1.8
Toluene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene		M	2760	µg/kg	1.0		46	7.2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene		M	2760	µg/kg	1.0		35	13	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene		M	2760	µg/kg	1.0		< 1.0	9.8	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methyl Tert-Butyl Ether		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene		M	2800	mg/kg	0.10		0.60	14	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene		N	2800	mg/kg	0.10		5.9	0.76	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene		M	2800	mg/kg	0.10		20	33	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Fluorene		M	2800	mg/kg	0.10		22	26	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Phenanthrene		M	2800	mg/kg	0.10		48	75	0.70	5.1	1.6	0.47	0.57	1.1
Anthracene		M	2800	mg/kg	0.10		5.9	9.9	0.37	0.33	0.33	0.23	0.13	0.32
Fluoranthene		M	2800	mg/kg	0.10		15	21	0.47	0.51	0.91	0.37	0.32	2.0
Pyrene		M	2800	mg/kg	0.10		9.8	14	0.31	0.40	0.75	0.29	0.26	1.6
Benzo[a]anthracene		M	2800	mg/kg	0.10		2.0	2.7	< 0.10	< 0.10	0.36	< 0.10	< 0.10	0.91
Chrysene		M	2800	mg/kg	0.10		1.6	2.1	< 0.10	< 0.10	0.34	< 0.10	< 0.10	0.87
Benzo[b]fluoranthene		M	2800	mg/kg	0.10		1.0	0.99	< 0.10	< 0.10	0.45	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene		M	2800	mg/kg	0.10		0.34	0.35	< 0.10	< 0.10	0.22	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene		M	2800	mg/kg	0.10		0.80	0.99	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene		M	2800	mg/kg	0.10		0.30	0.31	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene		N	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene		M	2800	mg/kg	0.10		0.29	0.30	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Coronene		N	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
PCB 28		U	2815	mg/kg	0.010		< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

Results - Soil

Project: 25000-1 Stanley Street

Client: IGSL													
				Chemtest Job No.:		24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333	24-10333
Quotation No.: Q23-33421				**Chemtest Sample ID.:**		1788717	1788718	1788719	1788720	1788721	1788722	1788723	1788724
Order No.:				Client Sample Ref.:		WS9	WS9	WS10	WS10	WS11	WS12	WS12	WS13
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		1.50	2.50	0.00	1.50	0.00	0.00	2.50	0.50
				Bottom Depth (m):		2.50	3.50	1.00	3.00	1.50	2.00	3.50	2.00
				Date Sampled:		02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024
				Asbestos Lab:		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**								
PCB 52		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 101		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 118		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 153		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 138		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 180		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total PCBs (7 Congeners)		U	2815	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Phenols		M	2920	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Results - Soil

Project: 25000-1 Stanley Street

Client: IGSL				**Chemtest Job No.:**		24-10333	24-10333	24-10333	24-10333
Quotation No.: Q23-33421				**Chemtest Sample ID.:**		1788725	1788726	1788727	1788728
Order No.:				Client Sample Ref.:		WS13	WS14	WS15	WS15
				Sample Type:		SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		2.50	0.50	0.50	2.50
				Bottom Depth (m):		4.00	2.00	2.00	4.00
				Date Sampled:		02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024
				Asbestos Lab:		DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**				
ACM Type		U	2192		N/A	-	-	-	-
Asbestos Identification		U	2192		N/A	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Moisture		N	2030	%	0.020	12	7.5	6.1	13
Soil Colour		N	2040		N/A	Brown	Brown	Brown	Brown
Other Material		N	2040		N/A	Stones	Stones	Stones	Stones
Soil Texture		N	2040		N/A	Clay	Clay	Loam	Clay
Boron (Hot Water Soluble)		M	2120	mg/kg	0.40	< 0.40	< 0.40	< 0.40	1.2
Sulphur (Elemental)		M	2180	mg/kg	1.0	990	45	68	700
Cyanide (Total)		M	2300	mg/kg	0.50	16	0.70	< 0.50	< 0.50
Sulphide (Easily Liberatable)		N	2325	mg/kg	0.50	39	9.4	6.5	25
Sulphate (Total)		U	2430	%	0.010	3.8	0.80	1.4	3.8
Arsenic		M	2455	mg/kg	0.5	21	81	60	15
Barium		M	2455	mg/kg	0.5	200	270	360	79
Cadmium		M	2455	mg/kg	0.10	2.2	1.0	0.94	2.0
Chromium		M	2455	mg/kg	0.5	13	9.4	8.5	14
Molybdenum		M	2455	mg/kg	0.5	15	1.1	1.3	3.4
Antimony		N	2455	mg/kg	2.0	3.4	14	13	20
Copper		M	2455	mg/kg	0.50	54	130	150	43
Mercury		M	2455	mg/kg	0.05	0.17	0.16	0.14	0.09
Nickel		M	2455	mg/kg	0.50	31	33	28	40
Lead		M	2455	mg/kg	0.50	160	550	1100	1000
Selenium		M	2455	mg/kg	0.25	2.3	0.95	0.89	1.8
Zinc		M	2455	mg/kg	0.50	140	340	240	100
Chromium (Trivalent)		N	2490	mg/kg	1.0	13	9.4	8.5	14
Chromium (Hexavalent)		N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25	< 0.25	< 0.25	< 0.25	< 0.25
Aliphatic EPH >C10-C12 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	14	11	15	11
Aliphatic EPH >C12-C16 MC	EH_2D_AL_#1	M	2690	mg/kg	1.00	23	8.3	22	7.9
Aliphatic EPH >C16-C21 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	19	4.8	20	6.6
Aliphatic EPH >C21-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	3.00	38	50	21	42
Aliphatic EPH >C35-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00	17	16	16	12
Total Aliphatic EPH >C10-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	5.00	94	74	78	68

Results - Soil

Project: 25000-1 Stanley Street

Client: IGSL				**Chemtest Job No.:**		24-10333	24-10333	24-10333	24-10333
Quotation No.: Q23-33421				**Chemtest Sample ID.:**		1788725	1788726	1788727	1788728
Order No.:				Client Sample Ref.:		WS13	WS14	WS15	WS15
				Sample Type:		SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		2.50	0.50	0.50	2.50
				Bottom Depth (m):		4.00	2.00	2.00	4.00
				Date Sampled:		02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024
				Asbestos Lab:		DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**				
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25	< 0.25	< 0.25	< 0.25	< 0.25
Aromatic EPH >C10-C12 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	1.7	1.1	2.6	< 1.0
Aromatic EPH >C12-C16 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	17	< 1.0	17	< 1.0
Aromatic EPH >C16-C21 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	31	< 2.0	35	3.3
Aromatic EPH >C21-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	19	8.5	27	23
Aromatic EPH >C35-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	1.00	13	13	25	16
Total Aromatic EPH >C10-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	5.00	69	9.8	81	27
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total EPH >C10-C35 MC	EH_2D_Total_#1	U	2690	mg/kg	10.00	160	84	160	94
Mineral Oil EPH		N	2670	mg/kg	10	110	90	94	80
Diesel Present		N	2670		N/A	False	False	False	False
Benzene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	1.3
Toluene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methyl Tert-Butyl Ether		M	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene		M	2800	mg/kg	0.10	0.34	< 0.10	< 0.10	0.20
Acenaphthylene		N	2800	mg/kg	0.10	0.35	< 0.10	< 0.10	< 0.10
Acenaphthene		M	2800	mg/kg	0.10	0.49	< 0.10	0.96	0.57
Fluorene		M	2800	mg/kg	0.10	0.77	< 0.10	0.85	0.48
Phenanthrene		M	2800	mg/kg	0.10	2.1	1.2	2.0	1.1
Anthracene		M	2800	mg/kg	0.10	1.3	0.89	1.4	0.75
Fluoranthene		M	2800	mg/kg	0.10	4.7	0.87	1.6	0.96
Pyrene		M	2800	mg/kg	0.10	3.1	0.58	0.98	0.59
Benzo[a]anthracene		M	2800	mg/kg	0.10	2.2	< 0.10	0.32	0.18
Chrysene		M	2800	mg/kg	0.10	1.7	< 0.10	0.32	0.16
Benzo[b]fluoranthene		M	2800	mg/kg	0.10	2.5	< 0.10	0.22	< 0.10
Benzo[k]fluoranthene		M	2800	mg/kg	0.10	0.92	< 0.10	0.13	< 0.10
Benzo[a]pyrene		M	2800	mg/kg	0.10	1.7	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene		M	2800	mg/kg	0.10	1.2	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene		N	2800	mg/kg	0.10	0.36	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene		M	2800	mg/kg	0.10	0.92	< 0.10	< 0.10	< 0.10
Coronene		N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10
PCB 28		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010

Results - Soil

Project: 25000-1 Stanley Street

Client: IGSL				**Chemtest Job No.:**		24-10333	24-10333	24-10333	24-10333
Quotation No.: Q23-33421				**Chemtest Sample ID.:**		1788725	1788726	1788727	1788728
Order No.:				Client Sample Ref.:		WS13	WS14	WS15	WS15
				Sample Type:		SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		2.50	0.50	0.50	2.50
				Bottom Depth (m):		4.00	2.00	2.00	4.00
				Date Sampled:		02-Apr-2024	02-Apr-2024	02-Apr-2024	02-Apr-2024
				Asbestos Lab:		DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**				
PCB 52		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 101		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 118		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 153		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 138		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 180		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total PCBs (7 Congeners)		U	2815	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Phenols		M	2920	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10

Results - Single Stage WAC

Project: 25000-1 Stanley Street

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-10333							
Chemtest Sample ID:	1788701							
Sample Ref:	WS1							
Sample ID:								
Sample Location:								
Top Depth(m):	1.00							
Bottom Depth(m):	2.00							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	2.5	3	5	6
Loss On Ignition	2610		M	%	2.6	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	4900	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		M		8.2	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.011	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0005	0.0045	0.5	2	25
Barium	1455		U	< 0.005	< 0.050	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0009	0.0087	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.012	0.12	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	< 0.0005	< 0.0050	0.06	0.7	5
Selenium	1455		U	0.0009	0.0093	0.1	0.5	7
Zinc	1455		U	0.005	0.054	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.18	1.8	10	150	500
Sulphate	1220		U	2.4	24	1000	20000	50000
Total Dissolved Solids	1020		N	79	780	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	5.2	52	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	17

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-10333							
Chemtest Sample ID:	1788702							
Sample Ref:	WS1							
Sample ID:								
Sample Location:								
Top Depth(m):	2.00							
Bottom Depth(m):	3.50							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	0.80	3	5	6
Loss On Ignition	2610		M	%	1.2	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	460	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	1.7	100	--	--
pH at 20C	2010		M		8.5	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0080	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0010	0.0099	0.5	2	25
Barium	1455		U	0.017	0.17	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0037	0.037	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.012	0.12	0.5	10	30
Nickel	1455		U	0.0012	0.012	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0013	0.013	0.06	0.7	5
Selenium	1455		U	0.0009	0.0095	0.1	0.5	7
Zinc	1455		U	0.003	0.030	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.17	1.7	10	150	500
Sulphate	1220		U	7.3	73	1000	20000	50000
Total Dissolved Solids	1020		N	73	730	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	9.6	96	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	11

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-10333							
Chemtest Sample ID:	1788703							
Sample Ref:	WS2							
Sample ID:								
Sample Location:								
Top Depth(m):	0.00							
Bottom Depth(m):	1.00							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	2.2	3	5	6
Loss On Ignition	2610		M	%	1.9	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	1600	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	5.1	100	--	--
pH at 20C	2010		M		8.4	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0060	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0054	0.054	0.5	2	25
Barium	1455		U	0.018	0.18	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0075	0.075	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.055	0.55	0.5	10	30
Nickel	1455		U	0.0031	0.031	0.4	10	40
Lead	1455		U	0.0021	0.022	0.5	10	50
Antimony	1455		U	0.0096	0.096	0.06	0.7	5
Selenium	1455		U	0.0014	0.015	0.1	0.5	7
Zinc	1455		U	0.005	0.046	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.15	1.5	10	150	500
Sulphate	1220		U	25	250	1000	20000	50000
Total Dissolved Solids	1020		N	130	1300	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	7.0	70	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	11

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-10333					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Chemtest Sample ID:	1788704							
Sample Ref:	WS2							
Sample ID:								
Sample Location:								
Top Depth(m):	2.00							
Bottom Depth(m):	3.00							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		M	%	4.1	3	5	6
Loss On Ignition	2610		M	%	1.2	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	1100	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		M		8.0	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.014	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0008	0.0082	0.5	2	25
Barium	1455		U	0.057	0.57	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	< 0.0005	< 0.0050	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.039	0.38	0.5	10	30
Nickel	1455		U	0.0023	0.023	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0041	0.041	0.06	0.7	5
Selenium	1455		U	0.0009	0.0091	0.1	0.5	7
Zinc	1455		U	0.003	0.029	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.17	1.7	10	150	500
Sulphate	1220		U	28	280	1000	20000	50000
Total Dissolved Solids	1020		N	140	1400	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	5.7	57	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	11

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

Chemtest Job No:	24-10333					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1788705							
Sample Ref:	WS3							
Sample ID:								
Sample Location:								
Top Depth(m):	0.00							
Bottom Depth(m):	2.00							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	1.1	3	5	6
Loss On Ignition	2610		M	%	2.3	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	1600	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	3.3	100	--	--
pH at 20C	2010		M		8.2	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.021	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0020	0.020	0.5	2	25
Barium	1455		U	0.060	0.60	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0022	0.022	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.039	0.38	0.5	10	30
Nickel	1455		U	0.0024	0.024	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0052	0.052	0.06	0.7	5
Selenium	1455		U	< 0.0005	< 0.0050	0.1	0.5	7
Zinc	1455		U	0.010	0.10	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.16	1.6	10	150	500
Sulphate	1220		U	< 1.0	< 10	1000	20000	50000
Total Dissolved Solids	1020		N	120	1200	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	7.4	74	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	20

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-10333							
Chemtest Sample ID:	1788706							
Sample Ref:	WS4							
Sample ID:								
Sample Location:								
Top Depth(m):	0.00							
Bottom Depth(m):	1.00							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	0.90	3	5	6
Loss On Ignition	2610		M	%	1.6	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	< 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		M		8.5	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0090	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0059	0.059	0.5	2	25
Barium	1455		U	0.016	0.16	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0060	0.060	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.028	0.28	0.5	10	30
Nickel	1455		U	0.0030	0.030	0.4	10	40
Lead	1455		U	0.0016	0.016	0.5	10	50
Antimony	1455		U	0.0070	0.070	0.06	0.7	5
Selenium	1455		U	0.0024	0.024	0.1	0.5	7
Zinc	1455		U	0.009	0.090	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.19	1.9	10	150	500
Sulphate	1220		U	13	130	1000	20000	50000
Total Dissolved Solids	1020		N	120	1200	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	8.9	89	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	7.8

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

Chemtest Job No:	24-10333					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1788707							
Sample Ref:	WS4							
Sample ID:								
Sample Location:								
Top Depth(m):	1.00							
Bottom Depth(m):	2.90							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	1.9	3	5	6
Loss On Ignition	2610		M	%	4.6	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	1900	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	8.4	100	--	--
pH at 20C	2010		M		8.0	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.011	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0054	0.054	0.5	2	25
Barium	1455		U	0.044	0.44	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0018	0.018	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.054	0.54	0.5	10	30
Nickel	1455		U	0.0036	0.036	0.4	10	40
Lead	1455		U	0.0016	0.017	0.5	10	50
Antimony	1455		U	0.0034	0.035	0.06	0.7	5
Selenium	1455		U	0.0014	0.014	0.1	0.5	7
Zinc	1455		U	0.013	0.13	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.18	1.8	10	150	500
Sulphate	1220		U	14	140	1000	20000	50000
Total Dissolved Solids	1020		N	130	1300	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	11	110	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	21

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-10333							
Chemtest Sample ID:	1788708							
Sample Ref:	WS5							
Sample ID:								
Sample Location:								
Top Depth(m):	0.00							
Bottom Depth(m):	2.00							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	5.2	3	5	6
Loss On Ignition	2610		M	%	7.1	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	2600	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		M		7.9	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0070	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0036	0.036	0.5	2	25
Barium	1455		U	0.023	0.23	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0052	0.053	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.023	0.23	0.5	10	30
Nickel	1455		U	0.0025	0.025	0.4	10	40
Lead	1455		U	0.0036	0.036	0.5	10	50
Antimony	1455		U	0.0054	0.054	0.06	0.7	5
Selenium	1455		U	0.0014	0.014	0.1	0.5	7
Zinc	1455		U	0.012	0.12	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.27	2.7	10	150	500
Sulphate	1220		U	13	130	1000	20000	50000
Total Dissolved Solids	1020		N	140	1400	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	9.0	90	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	22

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-10333							
Chemtest Sample ID:	1788709							
Sample Ref:	WS5							
Sample ID:								
Sample Location:								
Top Depth(m):	2.50							
Bottom Depth(m):	3.50							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	1.0	3	5	6
Loss On Ignition	2610		M	%	1.5	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	400	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	12	100	--	--
pH at 20C	2010		M		8.3	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0090	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0032	0.032	0.5	2	25
Barium	1455		U	0.033	0.33	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0010	0.0097	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.023	0.23	0.5	10	30
Nickel	1455		U	0.0037	0.037	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0017	0.017	0.06	0.7	5
Selenium	1455		U	0.0008	0.0083	0.1	0.5	7
Zinc	1455		U	0.009	0.089	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.20	2.0	10	150	500
Sulphate	1220		U	11	110	1000	20000	50000
Total Dissolved Solids	1020		N	130	1300	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	5.8	58	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	9.8

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-10333							
Chemtest Sample ID:	1788710							
Sample Ref:	WS6							
Sample ID:								
Sample Location:								
Top Depth(m):	0.00							
Bottom Depth(m):	2.00							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	10	3	5	6
Loss On Ignition	2610		M	%	6.4	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	2200	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	1.0	100	--	--
pH at 20C	2010		M		8.0	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.014	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0011	0.011	0.5	2	25
Barium	1455		U	0.066	0.66	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0010	0.010	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.019	0.19	0.5	10	30
Nickel	1455		U	0.0054	0.054	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0036	0.036	0.06	0.7	5
Selenium	1455		U	0.0017	0.017	0.1	0.5	7
Zinc	1455		U	0.004	0.036	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.21	2.1	10	150	500
Sulphate	1220		U	4.3	43	1000	20000	50000
Total Dissolved Solids	1020		N	96	950	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	5.5	55	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	24

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-10333							
Chemtest Sample ID:	1788711							
Sample Ref:	WS6							
Sample ID:								
Sample Location:								
Top Depth(m):	2.00							
Bottom Depth(m):	4.00							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	0.78	3	5	6
Loss On Ignition	2610		M	%	2.7	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	2000	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	2.8	100	--	--
pH at 20C	2010		M		8.5	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.015	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.028	0.28	0.5	2	25
Barium	1455		U	0.045	0.45	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.010	0.10	0.5	10	70
Copper	1455		U	0.031	0.31	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.038	0.37	0.5	10	30
Nickel	1455		U	0.0097	0.097	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0065	0.065	0.06	0.7	5
Selenium	1455		U	0.0038	0.038	0.1	0.5	7
Zinc	1455		U	< 0.003	< 0.025	4	50	200
Chloride	1220		U	5.1	51	800	15000	25000
Fluoride	1220		U	0.21	2.1	10	150	500
Sulphate	1220		U	76	760	1000	20000	50000
Total Dissolved Solids	1020		N	210	2100	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	10	100	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	14

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-10333							
Chemtest Sample ID:	1788712							
Sample Ref:	WS3							
Sample ID:								
Sample Location:								
Top Depth(m):	2.00							
Bottom Depth(m):	3.00							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	3.3	3	5	6
Loss On Ignition	2610		M	%	2.2	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	3000	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	4.9	100	--	--
pH at 20C	2010		M		8.4	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0090	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0005	0.0053	0.5	2	25
Barium	1455		U	0.008	0.084	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0013	0.013	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.012	0.12	0.5	10	30
Nickel	1455		U	0.0011	0.011	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0006	0.0062	0.06	0.7	5
Selenium	1455		U	0.0007	0.0069	0.1	0.5	7
Zinc	1455		U	< 0.003	< 0.025	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.28	2.8	10	150	500
Sulphate	1220		U	< 1.0	< 10	1000	20000	50000
Total Dissolved Solids	1020		N	75	750	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	10	100	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	14

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-10333							
Chemtest Sample ID:	1788713							
Sample Ref:	WS7							
Sample ID:								
Sample Location:								
Top Depth(m):	0.00							
Bottom Depth(m):	1.00							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	6.1	3	5	6
Loss On Ignition	2610		M	%	7.6	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	< 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	8.6	100	--	--
pH at 20C	2010		M		8.2	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0080	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.039	0.39	0.5	2	25
Barium	1455		U	0.034	0.34	20	100	300
Cadmium	1455		U	0.0033	0.033	0.04	1	5
Chromium	1455		U	0.0017	0.017	0.5	10	70
Copper	1455		U	0.053	0.53	2	50	100
Mercury	1455		U	0.00018	0.0018	0.01	0.2	2
Molybdenum	1455		U	0.11	1.1	0.5	10	30
Nickel	1455		U	0.018	0.18	0.4	10	40
Lead	1455		U	0.061	0.61	0.5	10	50
Antimony	1455		U	0.072	0.72	0.06	0.7	5
Selenium	1455		U	0.0035	0.035	0.1	0.5	7
Zinc	1455		U	0.19	1.9	4	50	200
Chloride	1220		U	7.8	78	800	15000	25000
Fluoride	1220		U	0.36	3.6	10	150	500
Sulphate	1220		U	24	240	1000	20000	50000
Total Dissolved Solids	1020		N	77	770	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	26	260	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	20

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-10333							
Chemtest Sample ID:	1788714							
Sample Ref:	WS7							
Sample ID:								
Sample Location:								
Top Depth(m):	2.00							
Bottom Depth(m):	4.00							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	1.7	3	5	6
Loss On Ignition	2610		M	%	3.8	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	4400	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	17	100	--	--
pH at 20C	2010		M		7.9	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.021	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0051	0.051	0.5	2	25
Barium	1455		U	0.014	0.14	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0005	0.0052	0.5	10	70
Copper	1455		U	0.019	0.19	2	50	100
Mercury	1455		U	0.00005	0.00051	0.01	0.2	2
Molybdenum	1455		U	0.027	0.27	0.5	10	30
Nickel	1455		U	0.0097	0.097	0.4	10	40
Lead	1455		U	0.012	0.12	0.5	10	50
Antimony	1455		U	0.0064	0.064	0.06	0.7	5
Selenium	1455		U	0.0025	0.025	0.1	0.5	7
Zinc	1455		U	0.010	0.10	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.20	2.0	10	150	500
Sulphate	1220		U	13	130	1000	20000	50000
Total Dissolved Solids	1020		N	130	1300	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	13	130	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	21

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-10333							
Chemtest Sample ID:	1788715							
Sample Ref:	WS8							
Sample ID:								
Sample Location:								
Top Depth(m):	0.00							
Bottom Depth(m):	1.00							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	9.9	3	5	6
Loss On Ignition	2610		M	%	11	--	--	10
Total BTEX	2760		M	mg/kg	0.072	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	72000	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	26	100	--	--
pH at 20C	2010		M		10.4	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.030	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0039	0.039	0.5	2	25
Barium	1455		U	0.036	0.36	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	< 0.0005	< 0.0050	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.050	0.50	0.5	10	30
Nickel	1455		U	0.0020	0.020	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0027	0.027	0.06	0.7	5
Selenium	1455		U	0.0008	0.0076	0.1	0.5	7
Zinc	1455		U	0.006	0.057	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.21	2.1	10	150	500
Sulphate	1220		U	20	200	1000	20000	50000
Total Dissolved Solids	1020		N	120	1100	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	9.3	93	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	27

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

Chemtest Job No:	24-10333					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1788716							
Sample Ref:	WS9							
Sample ID:								
Sample Location:								
Top Depth(m):	0.00							
Bottom Depth(m):	1.50							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	0.64	3	5	6
Loss On Ignition	2610		M	%	1.9	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	330	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	370	100	--	--
pH at 20C	2010		M		8.7	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.015	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.021	0.21	0.5	2	25
Barium	1455		U	0.010	0.096	20	100	300
Cadmium	1455		U	0.00029	0.0029	0.04	1	5
Chromium	1455		U	0.0010	0.0098	0.5	10	70
Copper	1455		U	0.042	0.42	2	50	100
Mercury	1455		U	0.00015	0.0015	0.01	0.2	2
Molybdenum	1455		U	0.0085	0.086	0.5	10	30
Nickel	1455		U	0.0047	0.047	0.4	10	40
Lead	1455		U	0.025	0.25	0.5	10	50
Antimony	1455		U	0.031	0.31	0.06	0.7	5
Selenium	1455		U	0.0063	0.063	0.1	0.5	7
Zinc	1455		U	0.011	0.11	4	50	200
Chloride	1220		U	4.5	45	800	15000	25000
Fluoride	1220		U	0.18	1.8	10	150	500
Sulphate	1220		U	29	290	1000	20000	50000
Total Dissolved Solids	1020		N	110	1100	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	6.2	62	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	7.1

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-10333							
Chemtest Sample ID:	1788717							
Sample Ref:	WS9							
Sample ID:								
Sample Location:								
Top Depth(m):	1.50							
Bottom Depth(m):	2.50							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	0.60	3	5	6
Loss On Ignition	2610		M	%	2.3	--	--	10
Total BTEX	2760		M	mg/kg	0.080	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	2400	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	130	100	--	--
pH at 20C	2010		M		8.8	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0080	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0011	0.011	0.5	2	25
Barium	1455		U	0.033	0.33	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0011	0.011	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.021	0.21	0.5	10	30
Nickel	1455		U	0.0020	0.020	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0028	0.028	0.06	0.7	5
Selenium	1455		U	0.0008	0.0080	0.1	0.5	7
Zinc	1455		U	0.006	0.061	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.26	2.6	10	150	500
Sulphate	1220		U	15	150	1000	20000	50000
Total Dissolved Solids	1020		N	100	1000	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	10	100	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	17

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-10333							
Chemtest Sample ID:	1788718							
Sample Ref:	WS9							
Sample ID:								
Sample Location:								
Top Depth(m):	2.50							
Bottom Depth(m):	3.50							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	0.45	3	5	6
Loss On Ignition	2610		M	%	1.4	--	--	10
Total BTEX	2760		M	mg/kg	0.030	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	270	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	200	100	--	--
pH at 20C	2010		M		8.4	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0070	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0010	0.010	0.5	2	25
Barium	1455		U	0.29	2.9	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	< 0.0005	< 0.0050	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.021	0.21	0.5	10	30
Nickel	1455		U	0.0018	0.018	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0030	0.030	0.06	0.7	5
Selenium	1455		U	0.0006	0.0058	0.1	0.5	7
Zinc	1455		U	0.004	0.037	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.19	1.9	10	150	500
Sulphate	1220		U	3.0	30	1000	20000	50000
Total Dissolved Solids	1020		N	100	1000	4000	60000	100000
Phenol Index	1920		U	0.42	4.2	1	-	-
Dissolved Organic Carbon	1610		U	6.9	69	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	6.0

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-10333							
Chemtest Sample ID:	1788719							
Sample Ref:	WS10							
Sample ID:								
Sample Location:								
Top Depth(m):	0.00							
Bottom Depth(m):	1.00							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	1.4	3	5	6
Loss On Ignition	2610		M	%	0.56	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	5100	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	1.9	100	--	--
pH at 20C	2010		M		8.4	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0090	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0025	0.025	0.5	2	25
Barium	1455		U	0.041	0.41	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0048	0.048	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.031	0.31	0.5	10	30
Nickel	1455		U	0.0042	0.042	0.4	10	40
Lead	1455		U	0.0016	0.016	0.5	10	50
Antimony	1455		U	0.0038	0.038	0.06	0.7	5
Selenium	1455		U	0.0005	0.0051	0.1	0.5	7
Zinc	1455		U	0.005	0.045	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.22	2.2	10	150	500
Sulphate	1220		U	11	110	1000	20000	50000
Total Dissolved Solids	1020		N	110	1100	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	8.4	84	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	5.7

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

Chemtest Job No:	24-10333					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1788720							
Sample Ref:	WS10							
Sample ID:								
Sample Location:								
Top Depth(m):	1.50							
Bottom Depth(m):	3.00							
Sampling Date:	02-Apr-2024					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		M	%	0.47	3	5	6
Loss On Ignition	2610		M	%	2.8	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	5800	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	6.3	100	--	--
pH at 20C	2010		M		8.6	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.014	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0033	0.033	0.5	2	25
Barium	1455		U	0.021	0.21	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0007	0.0074	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.081	0.81	0.5	10	30
Nickel	1455		U	0.0034	0.034	0.4	10	40
Lead	1455		U	0.0009	0.0089	0.5	10	50
Antimony	1455		U	0.0052	0.052	0.06	0.7	5
Selenium	1455		U	0.0011	0.011	0.1	0.5	7
Zinc	1455		U	0.011	0.11	4	50	200
Chloride	1220		U	8.5	85	800	15000	25000
Fluoride	1220		U	0.26	2.6	10	150	500
Sulphate	1220		U	19	190	1000	20000	50000
Total Dissolved Solids	1020		N	120	1200	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	7.7	77	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	20

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-10333					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Chemtest Sample ID:	1788721							
Sample Ref:	WS11							
Sample ID:								
Sample Location:								
Top Depth(m):	0.00							
Bottom Depth(m):	1.50							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		M	%	12	3	5	6
Loss On Ignition	2610		M	%	9.2	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	< 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	5.0	100	--	--
pH at 20C	2010		M		8.4	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.020	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0012	0.012	0.5	2	25
Barium	1455		U	0.022	0.22	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0007	0.0069	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0038	0.038	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0007	0.0074	0.06	0.7	5
Selenium	1455		U	0.0011	0.011	0.1	0.5	7
Zinc	1455		U	0.004	0.045	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.20	2.0	10	150	500
Sulphate	1220		U	200	2000	1000	20000	50000
Total Dissolved Solids	1020		N	280	2700	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	< 2.5	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	21

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-10333							
Chemtest Sample ID:	1788722							
Sample Ref:	WS12							
Sample ID:								
Sample Location:								
Top Depth(m):	0.00							
Bottom Depth(m):	2.00							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	1.7	3	5	6
Loss On Ignition	2610		M	%	1.7	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	< 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	1.4	100	--	--
pH at 20C	2010		M		7.9	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.011	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0003	0.0034	0.5	2	25
Barium	1455		U	0.028	0.28	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	< 0.0005	< 0.0050	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.064	0.64	0.5	10	30
Nickel	1455		U	0.0011	0.011	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0009	0.0085	0.06	0.7	5
Selenium	1455		U	0.0007	0.0067	0.1	0.5	7
Zinc	1455		U	0.004	0.042	4	50	200
Chloride	1220		U	1.1	11	800	15000	25000
Fluoride	1220		U	0.55	5.5	10	150	500
Sulphate	1220		U	540	5400	1000	20000	50000
Total Dissolved Solids	1020		N	650	6400	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	3.4	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	12

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

Chemtest Job No:	24-10333					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1788723							
Sample Ref:	WS12							
Sample ID:								
Sample Location:								
Top Depth(m):	2.50							
Bottom Depth(m):	3.50							
Sampling Date:	02-Apr-2024					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		M	%	0.42	3	5	6
Loss On Ignition	2610		M	%	2.0	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	< 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	1.3	100	--	--
pH at 20C	2010		M		8.2	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0060	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0005	0.0054	0.5	2	25
Barium	1455		U	0.018	0.18	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	< 0.0005	< 0.0050	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.061	0.61	0.5	10	30
Nickel	1455		U	0.0016	0.016	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0014	0.014	0.06	0.7	5
Selenium	1455		U	0.0025	0.025	0.1	0.5	7
Zinc	1455		U	< 0.003	< 0.025	4	50	200
Chloride	1220		U	44	440	800	15000	25000
Fluoride	1220		U	0.67	6.7	10	150	500
Sulphate	1220		U	65	650	1000	20000	50000
Total Dissolved Solids	1020		N	120	1200	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	2.7	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	11

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-10333							
Chemtest Sample ID:	1788724							
Sample Ref:	WS13							
Sample ID:								
Sample Location:								
Top Depth(m):	0.50							
Bottom Depth(m):	2.00							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	7.4	3	5	6
Loss On Ignition	2610		M	%	12	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	< 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	6.8	100	--	--
pH at 20C	2010		M		8.2	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0090	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0039	0.039	0.5	2	25
Barium	1455		U	0.021	0.21	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0023	0.023	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.032	0.32	0.5	10	30
Nickel	1455		U	0.0030	0.030	0.4	10	40
Lead	1455		U	0.0015	0.015	0.5	10	50
Antimony	1455		U	0.0050	0.050	0.06	0.7	5
Selenium	1455		U	0.0010	0.0098	0.1	0.5	7
Zinc	1455		U	0.008	0.082	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.19	1.9	10	150	500
Sulphate	1220		U	11	110	1000	20000	50000
Total Dissolved Solids	1020		N	280	2800	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	2.8	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	26

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-10333							
Chemtest Sample ID:	1788725							
Sample Ref:	WS13							
Sample ID:								
Sample Location:								
Top Depth(m):	2.50							
Bottom Depth(m):	4.00							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	1.0	3	5	6
Loss On Ignition	2610		M	%	2.0	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	17	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	25	100	--	--
pH at 20C	2010		M		8.3	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.024	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0034	0.034	0.5	2	25
Barium	1455		U	0.007	0.065	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	< 0.0005	< 0.0050	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.15	1.5	0.5	10	30
Nickel	1455		U	0.0012	0.012	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0026	0.026	0.06	0.7	5
Selenium	1455		U	0.0082	0.082	0.1	0.5	7
Zinc	1455		U	0.003	0.027	4	50	200
Chloride	1220		U	30	300	800	15000	25000
Fluoride	1220		U	0.40	4.0	10	150	500
Sulphate	1220		U	28	280	1000	20000	50000
Total Dissolved Solids	1020		N	110	1100	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	3.3	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	12

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-10333							
Chemtest Sample ID:	1788726							
Sample Ref:	WS14							
Sample ID:								
Sample Location:								
Top Depth(m):	0.50							
Bottom Depth(m):	2.00							
Sampling Date:	02-Apr-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		M	%	2.0	3	5	6
Loss On Ignition	2610		M	%	1.2	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	< 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	3.5	100	--	--
pH at 20C	2010		M		8.4	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.015	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0028	0.028	0.5	2	25
Barium	1455		U	0.035	0.35	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0011	0.011	0.5	10	70
Copper	1455		U	0.0009	0.0086	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.020	0.20	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0012	0.012	0.06	0.7	5
Selenium	1455		U	0.0034	0.034	0.1	0.5	7
Zinc	1455		U	0.004	0.036	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.32	3.2	10	150	500
Sulphate	1220		U	30	300	1000	20000	50000
Total Dissolved Solids	1020		N	67	670	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	5.5	55	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	7.5

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

Chemtest Job No:	24-10333					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1788727							
Sample Ref:	WS15							
Sample ID:								
Sample Location:								
Top Depth(m):	0.50							
Bottom Depth(m):	2.00							
Sampling Date:	02-Apr-2024					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		M	%	0.90	3	5	6
Loss On Ignition	2610		M	%	1.1	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	250	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	8.8	100	--	--
pH at 20C	2010		M		8.1	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.024	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0005	0.0049	0.5	2	25
Barium	1455		U	0.018	0.18	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0010	0.010	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0032	0.032	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0005	0.0055	0.06	0.7	5
Selenium	1455		U	0.0011	0.011	0.1	0.5	7
Zinc	1455		U	0.005	0.048	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.13	1.3	10	150	500
Sulphate	1220		U	350	3500	1000	20000	50000
Total Dissolved Solids	1020		N	430	4300	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	< 2.5	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	6.1

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000-1 Stanley Street

Chemtest Job No:	24-10333					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1788728							
Sample Ref:	WS15							
Sample ID:								
Sample Location:								
Top Depth(m):	2.50							
Bottom Depth(m):	4.00							
Sampling Date:	02-Apr-2024					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		M	%	0.65	3	5	6
Loss On Ignition	2610		M	%	2.1	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	< 10	500	--	--
Total Of 17 PAH's Lower	2800		N	mg/kg	5.0	100	--	--
pH at 20C	2010		M		8.0	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.013	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0005	0.0046	0.5	2	25
Barium	1455		U	0.021	0.21	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	< 0.0005	< 0.0050	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.018	0.18	0.5	10	30
Nickel	1455		U	0.0012	0.013	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0038	0.038	0.06	0.7	5
Selenium	1455		U	0.0008	0.0084	0.1	0.5	7
Zinc	1455		U	< 0.003	< 0.025	4	50	200
Chloride	1220		U	1.3	13	800	15000	25000
Fluoride	1220		U	0.21	2.1	10	150	500
Sulphate	1220		U	96	960	1000	20000	50000
Total Dissolved Solids	1020		N	200	2000	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	2.9	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	13

Waste Acceptance Criteria

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

TPH Interpretation

Job	Sample	Matrix	Location	Sample Ref	Sample ID	Sample Depth (m)	Gasoline / Diesel Present	TPH Interpretation
24-10333	1788701	S		WS1		1.00	Yes	Weathered Diesel and Lube Oil
24-10333	1788702	S		WS1		2.00	Yes	Weathered Diesel
24-10333	1788703	S		WS2		0.00	No	Lube Oil and PAH
24-10333	1788704	S		WS2		2.00	Yes	Weathered Diesel
24-10333	1788705	S		WS3		0.00	Yes	Weathered Diesel and Lube Oil
24-10333	1788706	S		WS4		0.00	No	N/A
24-10333	1788707	S		WS4		1.00	Yes	Weathered Diesel and Lube Oil
24-10333	1788708	S		WS5		0.00	Yes	Weathered Diesel and Lube Oil
24-10333	1788709	S		WS5		2.50	Yes	Weathered Diesel and Lube Oil
24-10333	1788710	S		WS6		0.00	Yes	Weathered Diesel
24-10333	1788711	S		WS6		2.00	Yes	Weathered Diesel
24-10333	1788712	S		WS3		2.00	Yes	Weathered Diesel and Lube Oil
24-10333	1788713	S		WS7		0.00	No	N/A

TPH Interpretation

Job	Sample	Matrix	Location	Sample Ref	Sample ID	Sample Depth (m)	Gasoline / Diesel Present	TPH Interpretation
24-10333	1788714	S		WS7		2.00	Yes	Weathered Diesel and Lube Oil
24-10333	1788715	S		WS8		0.00	Yes	Weathered Diesel and Lube Oil
24-10333	1788716	S		WS9		0.00	Yes	Weathered Diesel
24-10333	1788717	S		WS9		1.50	Yes	Weathered Diesel and PAH
24-10333	1788718	S		WS9		2.50	No	PAH
24-10333	1788719	S		WS10		0.00	Yes	Weathered Diesel and Lube Oil
24-10333	1788720	S		WS10		1.50	Yes	Weathered Diesel
24-10333	1788721	S		WS11		0.00	No	N/A
24-10333	1788722	S		WS12		0.00	No	N/A
24-10333	1788723	S		WS12		2.50	No	N/A
24-10333	1788724	S		WS13		0.50	No	N/A
24-10333	1788725	S		WS13		2.50	No	PAH
24-10333	1788726	S		WS14		0.50	No	N/A

TPH Interpretation

Job	Sample	Matrix	Location	Sample Ref	Sample ID	Sample Depth (m)	Gasoline / Diesel Present	TPH Interpretation
24-10333	1788727	S		WS15		0.50	No	Lube Oil and PAH
24-10333	1788728	S		WS15		2.50	No	N/A

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
1010	pH Value of Waters	pH at 20°C	pH Meter	
1020	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Electrical Conductivity at 25°C and Total Dissolved Solids (TDS) in Waters	Conductivity Meter	
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.	
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).	
1610	Total/Dissolved Organic Carbon in Waters	Organic Carbon	TOC Analyser using Catalytic Oxidation	
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.	
2010	pH Value of Soils	pH at 20°C	pH Meter	
2015	Acid Neutralisation Capacity	Acid Reserve	Titration	
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <30°C.	
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930	
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES	
2180	Sulphur (Elemental) in Soils by HPLC	Sulphur	Dichloromethane extraction / HPLC with UV detection	
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry	
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Allkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.	
2325	Sulphide in Soils	Sulphide	Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N–dimethyl-p-phenylenediamine.	
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.	
2455	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.	
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.	
2610	Loss on Ignition	loss on ignition (LOI)	Determination of the proportion by mass that is lost from a soil by ignition at 550°C.	
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.	
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID	
2690	EPH A/A Split	Aliphatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40 Aromatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40	Acetone/Heptane extraction / GCxGC FID detection	
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.	

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
2780	VPH A/A Split	Aliphatics: >C5–C6, >C6–C7,>C7–C8,>C8-C10 Aromatics: >C5–C7,>C7-C8,>C8–C10	Water extraction / Headspace GCxGC FID detection	
2800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Dibenz[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene*	Dichloromethane extraction / GC-MS	
2815	Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS	ICES7 PCB congeners	Acetone/Hexane extraction / GC-MS. Reported PCB 101 results may contain contributions from PCB 90 due to inseparable chromatography.	
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.	
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge	

Report Information

Key

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

Comments or interpretations are beyond the scope of UKAS accreditation
The results relate only to the items tested
Uncertainty of measurement for the determinands tested are available upon request
None of the results in this report have been recovery corrected
All results are expressed on a dry weight basis

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

For all other tests the samples were dried at < 37°C prior to analysis
All Asbestos testing is performed at the indicated laboratory
Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

Sample Deviation Codes

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

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt
All water samples will be retained for 14 days from the date of receipt
Charges may apply to extended sample storage

Water Sample Category Key for Accreditation

DW - Drinking Water
GW - Ground Water
LE - Land Leachate
NA - Not Applicable
PL - Prepared Leachate
PW - Processed Water

Report Information

RE - Recreational Water
SA - Saline Water
SW - Surface Water
TE - Treated Effluent
TS - Treated Sewage
UL - Unspecified Liquid

Clean Up Codes

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

HWOL Acronym System

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

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com

Eurofins Chemtest Ltd
Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070
Email: info@chemtest.com

Final Report

Report No.:	24-20648-1
Initial Date of Issue:	17-Jul-2024
Re-Issue Details:	
Client	IGSL
Client Address:	M7 Business Park Naas County Kildare Ireland
Contact(s):	Darren Keogh
Project	25000 Stanley Street

Quotation No.:		**Date Received:**	28-Jun-2024
Order No.:		**Date Instructed:**	08-Jul-2024
No. of Samples:	14		
Turnaround (Wkdays):	7	**Results Due:**	16-Jul-2024
Date Approved:	17-Jul-2024		

Approved By:

Details: David Smith, Technical Director

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

Results - Leachate

Project: 25000 Stanley Street

Client: IGSL						**Chemtest Job No.:**	24-20648	24-20648	24-20648	24-20648	24-20648	24-20648	24-20648	24-20648	24-20648	24-20648
Quotation No.:						**Chemtest Sample ID.:**	1828047	1828048	1828049	1828050	1828051	1828052	1828053	1828054	1828055	1828056
Order No.:						Client Sample Ref.:	WS16	WS17	WS16	WS17	WS18	WS25	WS25	WS23	WS24	WS28
						Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
						Top Depth (m):	2.7	2.1	1.7	1.6	0.3	1.5	0.3	0.3	1.5	0.3
						Date Sampled:	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024
Determinand	**Accred.**	**SOP**	**Type**	**Units**	**LOD**											
Ammonium	U	1220	10:1	mg/l	0.050		0.057	0.25	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	< 0.050	0.080
Ammonium	N	1220	10:1	mg/kg	0.10		0.61	2.9	0.12	0.39	0.40	0.33	0.33	0.22	0.21	0.98

Results - Leachate

Project: 25000 Stanley Street

Client: IGSL				**Chemtest Job No.:**		24-20648	24-20648	24-20648	24-20648
Quotation No.:				**Chemtest Sample ID.:**		1828057	1828058	1828059	1828060
Order No.:				Client Sample Ref.:		WS24	WS27	WS27	WS28
				Sample Type:		SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		0.5	1.0	0.3	1.0
				Date Sampled:		26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024
Determinand	**Accred.**	**SOP**	**Type**	**Units**	**LOD**				
Ammonium	U	1220	10:1	mg/l	0.050	< 0.050	< 0.050	0.16	< 0.050
Ammonium	N	1220	10:1	mg/kg	0.10	0.30	0.30	1.8	0.58

Results - Soil

Project: 25000 Stanley Street

Client: IGSL				**Chemtest Job No.:**		24-20648	24-20648	24-20648	24-20648	24-20648	24-20648	24-20648	24-20648
Quotation No.:				**Chemtest Sample ID.:**		1828047	1828048	1828049	1828050	1828051	1828052	1828053	1828054
Order No.:				Client Sample Ref.:		WS16	WS17	WS16	WS17	WS18	WS25	WS25	WS23
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		2.7	2.1	1.7	1.6	0.3	1.5	0.3	0.3
				Date Sampled:		26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024
				Asbestos Lab:		NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**								
ACM Type		U	2192		N/A	-	-	-	-	-	-	-	-
Asbestos Identification		U	2192		N/A	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Moisture		N	2030	%	0.020	11	13	18	4.7	4.2	17	19	18
Soil Colour		N	2040		N/A	Brown	Brown	Brown	Brown	Black	Brown	Brown	Brown
Other Material		N	2040		N/A	Stones	Stones	Stones	Stones	Stones	Stones	Stones	Stones
Soil Texture		N	2040		N/A	Sand	Clay	Clay	Sand	Sand	Clay	Sand	Sand
Boron (Hot Water Soluble)		U	2120	mg/kg	0.40	0.75	1.3	0.94	0.41	< 0.40	0.92	1.1	1.6
Sulphur (Elemental)		U	2180	mg/kg	1.0	500	5600	1000	78	28	16	11	15
Cyanide (Total)		U	2300	mg/kg	0.50	< 0.50	12	3.8	< 0.50	< 0.50	< 0.50	3.2	< 0.50
Sulphide (Easily Liberatable)		N	2325	mg/kg	0.50	19	48	31	19	16	11	9.3	19
Sulphate (Total)		U	2430	%	0.010	0.55	0.42	0.34	1.2	1.4	0.095	0.40	0.22
Arsenic		U	2455	mg/kg	0.5	11	10	19	71	78	14	39	24
Barium		U	2455	mg/kg	0.5	75	140	65	180	150	130	400	210
Cadmium		U	2455	mg/kg	0.10	4.3	2.3	9.0	2.3	2.0	1.9	0.92	1.4
Chromium		U	2455	mg/kg	0.5	18	23	21	12	12	26	36	24
Molybdenum		U	2455	mg/kg	0.5	18	34	35	1.7	1.5	2.9	9.8	4.7
Antimony		N	2455	mg/kg	2.0	< 2.0	2.3	3.8	20	19	< 2.0	15	3.8
Copper		U	2455	mg/kg	0.50	32	30	46	79	160	40	340	430
Mercury		U	2455	mg/kg	0.05	0.08	0.07	0.16	0.21	0.24	0.11	1.0	0.77
Nickel		U	2455	mg/kg	0.50	75	74	97	31	30	48	81	61
Lead		U	2455	mg/kg	0.50	26	36	83	1500	990	50	1800	750
Selenium		U	2455	mg/kg	0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Zinc		U	2455	mg/kg	0.50	110	130	180	470	480	120	310	400
Chromium (Trivalent)		N	2490	mg/kg	1.0	18	23	21	12	12	26	36	24
Chromium (Hexavalent)		N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Aliphatic EPH >C10-C12 MC	EH_2D_AL_#1	U	2690	mg/kg	2.00	7.1	12	6.3	8.5	6.6	8.0	11	9.9
Aliphatic EPH >C12-C16 MC	EH_2D_AL_#1	U	2690	mg/kg	1.00	10	48	2.1	1.4	1.6	11	4.6	4.7
Aliphatic EPH >C16-C21 MC	EH_2D_AL_#1	U	2690	mg/kg	2.00	< 2.0	54	2.2	< 2.0	< 2.0	3.9	2.0	2.9
Aliphatic EPH >C21-C35 MC	EH_2D_AL_#1	U	2690	mg/kg	3.00	< 3.0	16	< 3.0	< 3.0	< 3.0	< 3.0	6.7	3.5
Aliphatic EPH >C35-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
Total Aliphatic EPH >C10-C35 MC	EH_2D_AL_#1	U	2690	mg/kg	5.00	17	130	13	9.9	8.2	23	24	21
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Results - Soil

Project: 25000 Stanley Street

Client: IGSL						**Chemtest Job No.:**	24-20648	24-20648	24-20648	24-20648	24-20648	24-20648	24-20648	24-20648
Quotation No.:						**Chemtest Sample ID.:**	1828047	1828048	1828049	1828050	1828051	1828052	1828053	1828054
Order No.:						Client Sample Ref.:	WS16	WS17	WS16	WS17	WS18	WS25	WS25	WS23
						Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
						Top Depth (m):	2.7	2.1	1.7	1.6	0.3	1.5	0.3	0.3
						Date Sampled:	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024
						Asbestos Lab:	NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**									
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25		< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Aromatic EPH >C10-C12 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic EPH >C12-C16 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00		< 1.0	20	< 1.0	< 1.0	< 1.0	< 1.0	5.5	3.1
Aromatic EPH >C16-C21 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00		< 2.0	19	13	< 2.0	< 2.0	< 2.0	46	32
Aromatic EPH >C21-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00		< 2.0	< 2.0	90	< 2.0	< 2.0	< 2.0	96	65
Aromatic EPH >C35-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	1.00		< 1.0	1.0	9.1	< 1.0	< 1.0	< 1.0	6.7	7.1
Total Aromatic EPH >C10-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	5.00		< 5.0	39	100	< 5.0	< 5.0	< 5.0	150	99
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total EPH >C10-C35 MC	EH_2D_Total_#1	U	2690	mg/kg	10.00		17	170	120	< 10	< 10	23	170	120
Mineral Oil EPH		N	2670	mg/kg	10		17	130	13	< 10	< 10	23	24	21
Benzene		U	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene		U	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene		U	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene		U	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene		U	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methyl Tert-Butyl Ether		U	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene		U	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.34	1.6
Acenaphthylene		N	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene		U	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.92	4.3
Fluorene		U	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.64	2.6
Phenanthrene		U	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	8.8	25
Anthracene		U	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	1.2	3.3
Fluoranthene		U	2800	mg/kg	0.10		< 0.10	< 0.10	0.40	< 0.10	< 0.10	< 0.10	13	24
Pyrene		U	2800	mg/kg	0.10		< 0.10	< 0.10	0.44	< 0.10	< 0.10	< 0.10	12	22
Benzo[a]anthracene		U	2800	mg/kg	0.10		< 0.10	< 0.10	0.40	< 0.10	< 0.10	< 0.10	5.2	9.2
Chrysene		U	2800	mg/kg	0.10		< 0.10	< 0.10	0.36	< 0.10	< 0.10	< 0.10	5.9	10
Benzo[b]fluoranthene		U	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	7.3	12
Benzo[k]fluoranthene		U	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	2.1	3.3
Benzo[a]pyrene		U	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	5.2	8.6
Indeno(1,2,3-c,d)Pyrene		U	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	3.1	4.8
Dibenz(a,h)Anthracene		N	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.74	1.0
Benzo[g,h,i]perylene		U	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	3.3	5.1
Coronene		N	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
PCB 28		U	2815	mg/kg	0.010		< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 52		U	2815	mg/kg	0.010		< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 101		U	2815	mg/kg	0.010		< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 118		U	2815	mg/kg	0.010		< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 153		U	2815	mg/kg	0.010		< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

Results - Soil

Project: 25000 Stanley Street

Client: IGSL			**Chemtest Job No.:**			24-20648	24-20648	24-20648	24-20648	24-20648	24-20648	24-20648	24-20648
Quotation No.:			**Chemtest Sample ID.:**			1828047	1828048	1828049	1828050	1828051	1828052	1828053	1828054
Order No.:			Client Sample Ref.:			WS16	WS17	WS16	WS17	WS18	WS25	WS25	WS23
			Sample Type:			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):			2.7	2.1	1.7	1.6	0.3	1.5	0.3	0.3
			Date Sampled:			26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024
			Asbestos Lab:			NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**								
PCB 138		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 180		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total PCBs (7 Congeners)		N	2815	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Phenols		U	2920	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Results - Soil

Project: 25000 Stanley Street

Client: IGSL				**Chemtest Job No.:**		24-20648	24-20648	24-20648	24-20648	24-20648	24-20648
Quotation No.:				**Chemtest Sample ID.:**		1828055	1828056	1828057	1828058	1828059	1828060
Order No.:				Client Sample Ref.:		WS24	WS28	WS24	WS27	WS27	WS28
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		1.5	0.3	0.5	1.0	0.3	1.0
				Date Sampled:		26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024
				Asbestos Lab:		NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**						
ACM Type		U	2192		N/A	-	-	-	-	-	-
Asbestos Identification		U	2192		N/A	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Moisture		N	2030	%	0.020	16	9.4	18	10	11	16
Soil Colour		N	2040		N/A	Brown	Brown	Brown	Brown	Brown	Brown
Other Material		N	2040		N/A	Stones	Stones	Stones	Stones	Stones	Stones
Soil Texture		N	2040		N/A	Sand	Sand	Sand	Sand	Sand	Sand
Boron (Hot Water Soluble)		U	2120	mg/kg	0.40	< 0.40	0.63	2.5	0.45	0.83	0.56
Sulphur (Elemental)		U	2180	mg/kg	1.0	66	6.0	810	60	27	79
Cyanide (Total)		U	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Sulphide (Easily Liberatable)		N	2325	mg/kg	0.50	14	10	43	28	18	19
Sulphate (Total)		U	2430	%	0.010	0.15	0.12	0.48	0.093	0.16	0.20
Arsenic		U	2455	mg/kg	0.5	15	13	22	9.8	17	18
Barium		U	2455	mg/kg	0.5	79	100	220	47	120	92
Cadmium		U	2455	mg/kg	0.10	1.9	1.5	0.48	1.7	1.5	2.3
Chromium		U	2455	mg/kg	0.5	25	19	19	13	25	29
Molybdenum		U	2455	mg/kg	0.5	4.4	2.9	4.2	4.1	4.0	5.3
Antimony		N	2455	mg/kg	2.0	2.3	< 2.0	4.0	< 2.0	2.9	2.4
Copper		U	2455	mg/kg	0.50	45	81	200	24	100	43
Mercury		U	2455	mg/kg	0.05	0.08	0.25	1.4	0.05	0.32	0.13
Nickel		U	2455	mg/kg	0.50	56	40	44	35	44	56
Lead		U	2455	mg/kg	0.50	130	120	570	26	880	49
Selenium		U	2455	mg/kg	0.25	< 0.25	< 0.25	1.5	< 0.25	< 0.25	< 0.25
Zinc		U	2455	mg/kg	0.50	120	130	190	65	130	130
Chromium (Trivalent)		N	2490	mg/kg	1.0	25	19	19	13	25	29
Chromium (Hexavalent)		N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	0.18	< 0.05	< 0.05
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05	0.19	< 0.05	< 0.05	4.6	< 0.05	1.1
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25	< 0.25	< 0.25	< 0.25	4.7	< 0.25	1.1
Aliphatic EPH >C10-C12 MC	EH_2D_AL_#1	U	2690	mg/kg	2.00	79	12	10	300	16	63
Aliphatic EPH >C12-C16 MC	EH_2D_AL_#1	U	2690	mg/kg	1.00	500	7.3	6.7	990	29	370
Aliphatic EPH >C16-C21 MC	EH_2D_AL_#1	U	2690	mg/kg	2.00	800	3.8	4.5	1000	18	440
Aliphatic EPH >C21-C35 MC	EH_2D_AL_#1	U	2690	mg/kg	3.00	3800	16	7.8	1100	13	320
Aliphatic EPH >C35-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00	840	< 10	< 10	140	< 10	36
Total Aliphatic EPH >C10-C35 MC	EH_2D_AL_#1	U	2690	mg/kg	5.00	5100	39	29	3400	76	1200
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Results - Soil

Project: 25000 Stanley Street

Client: IGSL				**Chemtest Job No.:**		24-20648	24-20648	24-20648	24-20648	24-20648	24-20648
Quotation No.:				**Chemtest Sample ID.:**		1828055	1828056	1828057	1828058	1828059	1828060
Order No.:				Client Sample Ref.:		WS24	WS28	WS24	WS27	WS27	WS28
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		1.5	0.3	0.5	1.0	0.3	1.0
				Date Sampled:		26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024
				Asbestos Lab:		NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**						
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Aromatic EPH >C10-C12 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	14	< 1.0	1.9	97	8.8	10
Aromatic EPH >C12-C16 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00	190	< 1.0	32	810	31	220
Aromatic EPH >C16-C21 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	220	< 2.0	160	590	< 2.0	190
Aromatic EPH >C21-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00	< 2.0	6.9	380	< 2.0	4.5	< 2.0
Aromatic EPH >C35-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	1.00	9.9	2.3	62	4.5	1.2	1.7
Total Aromatic EPH >C10-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	5.00	430	8.1	580	1500	46	410
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50	< 0.50	< 0.50	< 0.50	4.7	< 0.50	1.1
Total EPH >C10-C35 MC	EH_2D_Total_#1	U	2690	mg/kg	10.00	5600	47	610	4900	120	1600
Mineral Oil EPH		N	2670	mg/kg	10	5100	39	29	3500	76	1200
Benzene		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methyl Tert-Butyl Ether		U	2760	µg/kg	1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene		U	2800	mg/kg	0.10	< 0.10	< 0.10	0.54	< 0.10	< 0.10	< 0.10
Acenaphthylene		N	2800	mg/kg	0.10	< 0.10	< 0.10	0.10	< 0.10	< 0.10	< 0.10
Acenaphthene		U	2800	mg/kg	0.10	< 0.10	< 0.10	1.6	< 0.10	< 0.10	< 0.10
Fluorene		U	2800	mg/kg	0.10	< 0.10	< 0.10	1.1	0.16	< 0.10	< 0.10
Phenanthrene		U	2800	mg/kg	0.10	0.31	0.47	11	0.22	0.83	< 0.10
Anthracene		U	2800	mg/kg	0.10	< 0.10	< 0.10	1.7	< 0.10	0.12	< 0.10
Fluoranthene		U	2800	mg/kg	0.10	0.45	0.70	15	< 0.10	1.3	< 0.10
Pyrene		U	2800	mg/kg	0.10	0.44	0.61	14	< 0.10	1.2	< 0.10
Benzo[a]anthracene		U	2800	mg/kg	0.10	< 0.10	0.34	6.5	< 0.10	0.67	< 0.10
Chrysene		U	2800	mg/kg	0.10	< 0.10	0.40	7.9	< 0.10	0.61	< 0.10
Benzo[b]fluoranthene		U	2800	mg/kg	0.10	< 0.10	< 0.10	8.8	< 0.10	0.81	< 0.10
Benzo[k]fluoranthene		U	2800	mg/kg	0.10	< 0.10	< 0.10	2.8	< 0.10	0.31	< 0.10
Benzo[a]pyrene		U	2800	mg/kg	0.10	< 0.10	< 0.10	6.4	< 0.10	0.55	< 0.10
Indeno(1,2,3-c,d)Pyrene		U	2800	mg/kg	0.10	< 0.10	< 0.10	3.8	< 0.10	0.31	< 0.10
Dibenz(a,h)Anthracene		N	2800	mg/kg	0.10	< 0.10	< 0.10	0.92	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene		U	2800	mg/kg	0.10	< 0.10	< 0.10	3.9	< 0.10	0.33	< 0.10
Coronene		N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
PCB 28		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 52		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 101		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 118		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 153		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

Results - Soil

Project: 25000 Stanley Street

Client: IGSL											
				Chemtest Job No.:		24-20648	24-20648	24-20648	24-20648	24-20648	24-20648
Quotation No.:				**Chemtest Sample ID.:**		1828055	1828056	1828057	1828058	1828059	1828060
Order No.:				Client Sample Ref.:		WS24	WS28	WS24	WS27	WS27	WS28
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		1.5	0.3	0.5	1.0	0.3	1.0
				Date Sampled:		26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024	26-Jun-2024
				Asbestos Lab:		NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB	NEW-ASB
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**						
PCB 138		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 180		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Total PCBs (7 Congeners)		N	2815	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Phenols		U	2920	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Results - Single Stage WAC

Project: 25000 Stanley Street

Chemtest Job No:	24-20648					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1828047							
Sample Ref:	WS16							
Sample ID:								
Sample Location:								
Top Depth(m):	2.7							
Bottom Depth(m):								
Sampling Date:	26-Jun-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		U	%	1.1	3	5	6
Loss On Ignition	2610		U	%	1.5	--	--	10
Total BTEX	2760		U	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		U	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	U	mg/kg	140	500	--	--
Total Of 17 PAHs Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		U		8.5	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0060	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0007	0.0074	0.5	2	25
Barium	1455		U	0.14	1.4	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	< 0.0005	< 0.0050	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.15	1.5	0.5	10	30
Nickel	1455		U	0.0046	0.046	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0059	0.059	0.06	0.7	5
Selenium	1455		U	0.0012	0.012	0.1	0.5	7
Zinc	1455		U	0.006	0.064	4	50	200
Chloride	1220		U	11	110	800	15000	25000
Fluoride	1220		U	0.17	1.7	10	150	500
Sulphate	1220		U	47	470	1000	20000	50000
Total Dissolved Solids	1020		N	130	1300	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	3.4	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	11

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000 Stanley Street

Chemtest Job No:	24-20648					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1828048							
Sample Ref:	WS17							
Sample ID:								
Sample Location:								
Top Depth(m):	2.1							
Bottom Depth(m):								
Sampling Date:	26-Jun-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		U	%	0.76	3	5	6
Loss On Ignition	2610		U	%	2.3	--	--	10
Total BTEX	2760		U	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		U	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	U	mg/kg	< 10	500	--	--
Total Of 17 PAHs Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		U		8.4	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.010	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0009	0.0088	0.5	2	25
Barium	1455		U	0.038	0.38	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	< 0.0005	< 0.0050	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.18	1.8	0.5	10	30
Nickel	1455		U	0.0018	0.018	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0029	0.029	0.06	0.7	5
Selenium	1455		U	0.0005	0.0054	0.1	0.5	7
Zinc	1455		U	0.004	0.039	4	50	200
Chloride	1220		U	72	720	800	15000	25000
Fluoride	1220		U	0.40	4.0	10	150	500
Sulphate	1220		U	20	200	1000	20000	50000
Total Dissolved Solids	1020		N	140	1400	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	3.2	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	13

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000 Stanley Street

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-20648							
Chemtest Sample ID:	1828049							
Sample Ref:	WS16							
Sample ID:								
Sample Location:								
Top Depth(m):	1.7							
Bottom Depth(m):								
Sampling Date:	26-Jun-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		U	%	0.85	3	5	6
Loss On Ignition	2610		U	%	2.4	--	--	10
Total BTEX	2760		U	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		U	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	U	mg/kg	220	500	--	--
Total Of 17 PAHs Lower	2800		N	mg/kg	1.6	100	--	--
pH at 20C	2010		U		8.0	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.013	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0005	0.0046	0.5	2	25
Barium	1455		U	0.057	0.57	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0013	0.013	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.13	1.3	0.5	10	30
Nickel	1455		U	0.0008	0.0078	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	< 0.0005	< 0.0050	0.06	0.7	5
Selenium	1455		U	0.0025	0.025	0.1	0.5	7
Zinc	1455		U	0.005	0.046	4	50	200
Chloride	1220		U	6.8	68	800	15000	25000
Fluoride	1220		U	0.23	2.3	10	150	500
Sulphate	1220		U	130	1300	1000	20000	50000
Total Dissolved Solids	1020		N	220	2200	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	3.2	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	18

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000 Stanley Street

Chemtest Job No:	24-20648					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1828050							
Sample Ref:	WS17							
Sample ID:								
Sample Location:								
Top Depth(m):	1.6							
Bottom Depth(m):								
Sampling Date:	26-Jun-2024					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		U	%	1.5	3	5	6
Loss On Ignition	2610		U	%	0.73	--	--	10
Total BTEX	2760		U	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		U	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	U	mg/kg	< 10	500	--	--
Total Of 17 PAHs Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		U		8.1	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0090	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0003	0.0033	0.5	2	25
Barium	1455		U	0.037	0.37	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0011	0.011	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0034	0.034	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	0.0005	0.0052	0.5	10	50
Antimony	1455		U	0.0009	0.0093	0.06	0.7	5
Selenium	1455		U	0.0007	0.0069	0.1	0.5	7
Zinc	1455		U	0.006	0.063	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.12	1.2	10	150	500
Sulphate	1220		U	110	1100	1000	20000	50000
Total Dissolved Solids	1020		N	170	1700	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	< 2.5	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	4.7

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000 Stanley Street

Chemtest Job No:	24-20648					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1828051							
Sample Ref:	WS18							
Sample ID:								
Sample Location:								
Top Depth(m):	0.3					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Bottom Depth(m):								
Sampling Date:	26-Jun-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		U	%	2.6	3	5	6
Loss On Ignition	2610		U	%	0.49	--	--	10
Total BTEX	2760		U	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		U	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	U	mg/kg	< 10	500	--	--
Total Of 17 PAHs Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		U		8.1	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0060	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0006	0.0058	0.5	2	25
Barium	1455		U	0.027	0.27	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0014	0.014	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0021	0.021	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0009	0.0092	0.06	0.7	5
Selenium	1455		U	0.0013	0.013	0.1	0.5	7
Zinc	1455		U	0.008	0.075	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.13	1.3	10	150	500
Sulphate	1220		U	260	2600	1000	20000	50000
Total Dissolved Solids	1020		N	330	3300	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	< 2.5	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	4.2

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000 Stanley Street

Chemtest Job No:	24-20648					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1828052							
Sample Ref:	WS25							
Sample ID:								
Sample Location:								
Top Depth(m):	1.5					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Bottom Depth(m):								
Sampling Date:	26-Jun-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		U	%	0.91	3	5	6
Loss On Ignition	2610		U	%	3.0	--	--	10
Total BTEX	2760		U	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		U	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	U	mg/kg	< 10	500	--	--
Total Of 17 PAHs Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		U		7.9	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.011	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0006	0.0063	0.5	2	25
Barium	1455		U	0.005	0.053	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0010	0.0097	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.011	0.11	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0008	0.0082	0.06	0.7	5
Selenium	1455		U	0.0009	0.0092	0.1	0.5	7
Zinc	1455		U	0.009	0.091	4	50	200
Chloride	1220		U	3.1	31	800	15000	25000
Fluoride	1220		U	0.24	2.4	10	150	500
Sulphate	1220		U	6.6	66	1000	20000	50000
Total Dissolved Solids	1020		N	70	690	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	3.6	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	17

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000 Stanley Street

Chemtest Job No:	24-20648					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1828053							
Sample Ref:	WS25							
Sample ID:								
Sample Location:								
Top Depth(m):	0.3					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Bottom Depth(m):								
Sampling Date:	26-Jun-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		U	%	9.7	3	5	6
Loss On Ignition	2610		U	%	10	--	--	10
Total BTEX	2760		U	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		U	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	U	mg/kg	300	500	--	--
Total Of 17 PAHs Lower	2800		N	mg/kg	70	100	--	--
pH at 20C	2010		U		8.0	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.011	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0041	0.041	0.5	2	25
Barium	1455		U	0.007	0.071	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0032	0.032	0.5	10	70
Copper	1455		U	0.0079	0.079	2	50	100
Mercury	1455		U	0.00005	0.00054	0.01	0.2	2
Molybdenum	1455		U	0.0058	0.058	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	0.0045	0.045	0.5	10	50
Antimony	1455		U	0.0019	0.020	0.06	0.7	5
Selenium	1455		U	0.0007	0.0072	0.1	0.5	7
Zinc	1455		U	0.018	0.18	4	50	200
Chloride	1220		U	10	100	800	15000	25000
Fluoride	1220		U	0.51	5.1	10	150	500
Sulphate	1220		U	7.9	79	1000	20000	50000
Total Dissolved Solids	1020		N	930	9300	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	5.8	58	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	19

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000 Stanley Street

Chemtest Job No:	24-20648					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1828054							
Sample Ref:	WS23							
Sample ID:								
Sample Location:								
Top Depth(m):	0.3					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Bottom Depth(m):								
Sampling Date:	26-Jun-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		U	%	6.9	3	5	6
Loss On Ignition	2610		U	%	9.2	--	--	10
Total BTEX	2760		U	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		U	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	U	mg/kg	320	500	--	--
Total Of 17 PAHs Lower	2800		N	mg/kg	140	100	--	--
pH at 20C	2010		U		8.1	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.013	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0030	0.030	0.5	2	25
Barium	1455		U	0.008	0.081	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0035	0.035	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0041	0.041	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	0.0014	0.014	0.5	10	50
Antimony	1455		U	0.0016	0.016	0.06	0.7	5
Selenium	1455		U	0.0007	0.0071	0.1	0.5	7
Zinc	1455		U	0.005	0.054	4	50	200
Chloride	1220		U	1.5	15	800	15000	25000
Fluoride	1220		U	0.37	3.7	10	150	500
Sulphate	1220		U	16	160	1000	20000	50000
Total Dissolved Solids	1020		N	88	880	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	3.2	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	18

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000 Stanley Street

Chemtest Job No:	24-20648					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1828055							
Sample Ref:	WS24							
Sample ID:								
Sample Location:								
Top Depth(m):	1.5					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Bottom Depth(m):								
Sampling Date:	26-Jun-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		U	%	0.55	3	5	6
Loss On Ignition	2610		U	%	2.2	--	--	10
Total BTEX	2760		U	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		U	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	U	mg/kg	< 10	500	--	--
Total Of 17 PAHs Lower	2800		N	mg/kg	1.2	100	--	--
pH at 20C	2010		U		8.0	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.015	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0013	0.013	0.5	2	25
Barium	1455		U	0.023	0.23	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0010	0.010	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.022	0.22	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0035	0.035	0.06	0.7	5
Selenium	1455		U	< 0.0005	< 0.0050	0.1	0.5	7
Zinc	1455		U	0.004	0.044	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.33	3.3	10	150	500
Sulphate	1220		U	6.8	68	1000	20000	50000
Total Dissolved Solids	1020		N	72	710	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	3.8	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	16

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000 Stanley Street

Chemtest Job No:	24-20648					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1828056							
Sample Ref:	WS28							
Sample ID:								
Sample Location:								
Top Depth(m):	0.3							
Bottom Depth(m):								
Sampling Date:	26-Jun-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		U	%	1.9	3	5	6
Loss On Ignition	2610		U	%	3.1	--	--	10
Total BTEX	2760		U	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		U	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	U	mg/kg	< 10	500	--	--
Total Of 17 PAHs Lower	2800		N	mg/kg	2.5	100	--	--
pH at 20C	2010		U		8.1	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0090	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0039	0.039	0.5	2	25
Barium	1455		U	< 0.005	< 0.050	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0098	0.098	2	50	100
Mercury	1455		U	0.00011	0.0011	0.01	0.2	2
Molybdenum	1455		U	0.014	0.14	0.5	10	30
Nickel	1455		U	0.0010	0.010	0.4	10	40
Lead	1455		U	0.0025	0.025	0.5	10	50
Antimony	1455		U	0.0018	0.018	0.06	0.7	5
Selenium	1455		U	0.0011	0.011	0.1	0.5	7
Zinc	1455		U	0.009	0.094	4	50	200
Chloride	1220		U	1.2	12	800	15000	25000
Fluoride	1220		U	0.16	1.6	10	150	500
Sulphate	1220		U	< 1.0	< 10	1000	20000	50000
Total Dissolved Solids	1020		N	59	590	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	6.4	64	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	9.4

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000 Stanley Street

Chemtest Job No:	24-20648					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1828057							
Sample Ref:	WS24							
Sample ID:								
Sample Location:								
Top Depth(m):	0.5					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Bottom Depth(m):								
Sampling Date:	26-Jun-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		U	%	8.1	3	5	6
Loss On Ignition	2610		U	%	14	--	--	10
Total BTEX	2760		U	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		U	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	U	mg/kg	72	500	--	--
Total Of 17 PAHs Lower	2800		N	mg/kg	86	100	--	--
pH at 20C	2010		U		7.9	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.010	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0023	0.023	0.5	2	25
Barium	1455		U	0.011	0.11	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0051	0.051	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0038	0.038	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	0.0056	0.056	0.5	10	50
Antimony	1455		U	0.0022	0.022	0.06	0.7	5
Selenium	1455		U	0.0008	0.0083	0.1	0.5	7
Zinc	1455		U	0.005	0.052	4	50	200
Chloride	1220		U	1.5	15	800	15000	25000
Fluoride	1220		U	0.33	3.3	10	150	500
Sulphate	1220		U	20	200	1000	20000	50000
Total Dissolved Solids	1020		N	86	860	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	3.8	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	18

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000 Stanley Street

Chemtest Job No:	24-20648					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1828058							
Sample Ref:	WS27							
Sample ID:								
Sample Location:								
Top Depth(m):	1.0					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Bottom Depth(m):								
Sampling Date:	26-Jun-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		U	%	1.8	3	5	6
Loss On Ignition	2610		U	%	2.1	--	--	10
Total BTEX	2760		U	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		U	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	U	mg/kg	7000	500	--	--
Total Of 17 PAHs Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		U		7.8	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.012	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0023	0.023	0.5	2	25
Barium	1455		U	0.037	0.37	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0020	0.020	0.5	10	70
Copper	1455		U	0.0013	0.013	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.019	0.19	0.5	10	30
Nickel	1455		U	0.0035	0.035	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0058	0.059	0.06	0.7	5
Selenium	1455		U	< 0.0005	< 0.0050	0.1	0.5	7
Zinc	1455		U	0.006	0.056	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.19	1.9	10	150	500
Sulphate	1220		U	5.5	55	1000	20000	50000
Total Dissolved Solids	1020		N	83	830	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	4.2	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	10

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000 Stanley Street

Chemtest Job No:	24-20648					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1828059							
Sample Ref:	WS27							
Sample ID:								
Sample Location:								
Top Depth(m):	0.3					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Bottom Depth(m):								
Sampling Date:	26-Jun-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		U	%	5.8	3	5	6
Loss On Ignition	2610		U	%	4.9	--	--	10
Total BTEX	2760		U	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		U	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	U	mg/kg	< 10	500	--	--
Total Of 17 PAHs Lower	2800		N	mg/kg	7.0	100	--	--
pH at 20C	2010		U		8.2	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.010	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0024	0.024	0.5	2	25
Barium	1455		U	0.008	0.083	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0024	0.024	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.012	0.12	0.5	10	30
Nickel	1455		U	< 0.0005	< 0.0050	0.4	10	40
Lead	1455		U	0.0008	0.0080	0.5	10	50
Antimony	1455		U	0.0022	0.022	0.06	0.7	5
Selenium	1455		U	0.0006	0.0065	0.1	0.5	7
Zinc	1455		U	0.005	0.049	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.17	1.7	10	150	500
Sulphate	1220		U	9.4	94	1000	20000	50000
Total Dissolved Solids	1020		N	80	800	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	4.0	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	11

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: 25000 Stanley Street

						Landfill Waste Acceptance Criteria Limits		
Chemtest Job No:	24-20648							
Chemtest Sample ID:	1828060							
Sample Ref:	WS28							
Sample ID:								
Sample Location:								
Top Depth(m):	1.0							
Bottom Depth(m):								
Sampling Date:	26-Jun-2024							
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**		**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Total Organic Carbon	2625		U	%	1.1	3	5	6
Loss On Ignition	2610		U	%	3.1	--	--	10
Total BTEX	2760		U	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		U	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	U	mg/kg	2200	500	--	--
Total Of 17 PAHs Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		U		8.4	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0090	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0007	0.0075	0.5	2	25
Barium	1455		U	< 0.005	< 0.050	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	< 0.0005	< 0.0050	0.5	10	70
Copper	1455		U	0.0021	0.021	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.029	0.28	0.5	10	30
Nickel	1455		U	0.0007	0.0072	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0009	0.0091	0.06	0.7	5
Selenium	1455		U	< 0.0005	< 0.0050	0.1	0.5	7
Zinc	1455		U	0.003	0.029	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.41	4.1	10	150	500
Sulphate	1220		U	4.8	48	1000	20000	50000
Total Dissolved Solids	1020		N	66	660	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	4.1	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	16

Waste Acceptance Criteria

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

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
1010	pH Value of Waters	pH at 20°C	pH Meter	
1020	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Electrical Conductivity at 25°C and Total Dissolved Solids (TDS) in Waters	Conductivity Meter	
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.	
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).	
1610	Total/Dissolved Organic Carbon in Waters	Organic Carbon	TOC Analyser using Catalytic Oxidation	
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.	
2010	pH Value of Soils	pH at 20°C	pH Meter	
2015	Acid Neutralisation Capacity	Acid Reserve	Titration	
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <30°C.	
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930	
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES	
2180	Sulphur (Elemental) in Soils by HPLC	Sulphur	Dichloromethane extraction / HPLC with UV detection	
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry	
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Allkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.	
2325	Sulphide in Soils	Sulphide	Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N–dimethyl-p-phenylenediamine.	
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.	
2455	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.	
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.	
2610	Loss on Ignition	loss on ignition (LOI)	Determination of the proportion by mass that is lost from a soil by ignition at 550°C.	
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.	
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID	
2690	EPH A/A Split	Aliphatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40 Aromatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40	Acetone/Heptane extraction / GCxGC FID detection	
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.	

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
2780	VPH A/A Split	Aliphatics: >C5–C6, >C6–C7,>C7–C8,>C8-C10 Aromatics: >C5–C7,>C7-C8,>C8–C10	Water extraction / Headspace GCxGC FID detection	
2800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Dibenz[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene*	Dichloromethane extraction / GC-MS	
2815	Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS	ICES7 PCB congeners	Acetone/Hexane extraction / GC-MS. Reported PCB 101 results may contain contributions from PCB 90 due to inseparable chromatography.	
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.	
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge	

Report Information

Key

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

This report shall not be reproduced except in full, and only with the prior approval of the laboratory.
Any comments or interpretations are outside the scope of UKAS accreditation.
The Laboratory is not accredited for any sampling activities and reported results relate to the samples 'as received' at the laboratory.
Uncertainty of measurement for the determinands tested are available upon request .
None of the results in this report have been recovery corrected.
All results are expressed on a dry weight basis.

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

For all other tests the samples were dried at ≤ 30°C prior to analysis.
All Asbestos testing is performed at the indicated laboratory .
Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1.

Sample Deviation Codes

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

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt.
All water samples will be retained for 14 days from the date of receipt.
Charges may apply to extended sample storage.

Water Sample Category Key for Accreditation

DW - Drinking Water
GW - Ground Water
LE - Land Leachate
NA - Not Applicable

Report Information

PL - Prepared Leachate
PW - Processed Water
RE - Recreational Water
SA - Saline Water
SW - Surface Water
TE - Treated Effluent
TS - Treated Sewage
UL - Unspecified Liquid

Clean Up Codes

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

HWOL Acronym System

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

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com

eurofins | Chemtest
Eurofins Chemtest Ltd
Depot Road
Newmarket
CB8 0AL
Tel: 01638 606070
Email: info@chemtest.com

Final Report

Report No.:	24-24390-1
Initial Date of Issue:	13-Aug-2024
Re-Issue Details:	
Client	IGSL
Client Address:	M7 Business Park Naas County Kildare Ireland
Contact(s):	Darren Keogh
Project	Stanley Street

Quotation No.:		**Date Received:**	31-Jul-2024
Order No.:		**Date Instructed:**	31-Jul-2024
No. of Samples:	5		
Turnaround (Wkdays):	7	**Results Due:**	08-Aug-2024
Date Approved:	13-Aug-2024		

Approved By:

Details: David Smith, Technical Director

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

Results - Leachate

Project: Stanley Street

Client: IGSL						**Chemtest Job No.:**	24-24390	24-24390	24-24390	24-24390	24-24390
Quotation No.:						**Chemtest Sample ID.:**	1843881	1843882	1843883	1843884	1843885
Order No.:						Client Sample Ref.:	WS19	WS21	WS21	WS20	WS20
						Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL
						Top Depth (m):	1.3	1.5	2.5	1.8	1.0
						Bottom Depth (m):	2.3	2.5	3.0	2.0	1.8
						Date Sampled:	30-Jul-2024	30-Jul-2024	30-Jul-2024	30-Jul-2024	30-Jul-2024
Determinand	**Accred.**	**SOP**	**Type**	**Units**	**LOD**						
Ammonium	U	1220	10:1	mg/l	0.050		0.063	< 0.050	1.0	0.066	0.099
Ammonium	N	1220	10:1	mg/kg	0.10		0.75	0.43	14	0.84	1.1

Results - Soil

Project: Stanley Street

Client: IGSL				**Chemtest Job No.:**		24-24390	24-24390	24-24390	24-24390	24-24390
Quotation No.:				**Chemtest Sample ID.:**		1843881	1843882	1843883	1843884	1843885
Order No.:				Client Sample Ref.:		WS19	WS21	WS21	WS20	WS20
				Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL
				Top Depth (m):		1.3	1.5	2.5	1.8	1.0
				Bottom Depth (m):		2.3	2.5	3.0	2.0	1.8
				Date Sampled:		30-Jul-2024	30-Jul-2024	30-Jul-2024	30-Jul-2024	30-Jul-2024
				Asbestos Lab:		DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**					
ACM Type		U	2192		N/A	-	-	-	-	-
Asbestos Identification		U	2192		N/A	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Moisture		N	2030	%	0.020	4.4	11	8.8	10	13
Soil Colour		N	2040		N/A	Brown	Black	Brown	Brown	Brown
Other Material		N	2040		N/A	Stones	Stones	Stones	Stones	Stones
Soil Texture		N	2040		N/A	Sand	Sand	Clay	Clay	Sand
Boron (Hot Water Soluble)		M	2120	mg/kg	0.40	< 0.40	0.95	1.2	0.66	2.0
Sulphur (Elemental)		M	2180	mg/kg	1.0	2.1	140	2000	28	270
Cyanide (Total)		M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Sulphide (Easily Liberatable)		N	2325	mg/kg	0.50	24	37	23	5.2	17
Sulphate (Total)		U	2430	%	0.010	0.26	0.13	0.25	0.22	0.16
Arsenic		M	2455	mg/kg	0.5	65	16	18	13	8.4
Barium		M	2455	mg/kg	0.5	300	140	100	67	110
Cadmium		M	2455	mg/kg	0.10	0.56	0.80	1.1	2.3	< 0.10
Chromium		M	2455	mg/kg	0.5	11	9.7	12	17	18
Molybdenum		M	2455	mg/kg	0.5	1.0	1.1	2.0	5.3	< 0.5
Antimony		N	2455	mg/kg	2.0	11	< 2.0	< 2.0	< 2.0	< 2.0
Copper		M	2455	mg/kg	0.50	110	29	24	39	13
Mercury		M	2455	mg/kg	0.05	0.13	0.05	< 0.05	0.07	< 0.05
Nickel		M	2455	mg/kg	0.50	29	22	32	58	14
Lead		M	2455	mg/kg	0.50	230	63	22	23	30
Selenium		M	2455	mg/kg	0.25	0.64	0.25	0.38	1.4	< 0.25
Zinc		M	2455	mg/kg	0.50	290	81	76	94	190
Chromium (Trivalent)		N	2490	mg/kg	1.0	11	9.7	12	17	18
Chromium (Hexavalent)		N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Aliphatic VPH >C5-C6	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C6-C7	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C7-C8	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C8-C10	HS_2D_AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Total Aliphatic VPH >C5-C10	HS_2D_AL	U	2780	mg/kg	0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Aliphatic EPH >C10-C12 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	< 2.0	< 2.0	< 2.0	< 2.0	3.0
Aliphatic EPH >C12-C16 MC	EH_2D_AL_#1	M	2690	mg/kg	1.00	< 1.0	< 1.0	< 1.0	< 1.0	5.8
Aliphatic EPH >C16-C21 MC	EH_2D_AL_#1	M	2690	mg/kg	2.00	< 2.0	< 2.0	< 2.0	< 2.0	3.3
Aliphatic EPH >C21-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	3.00	< 3.0	< 3.0	5.5	< 3.0	6.4
Aliphatic EPH >C35-C40 MC	EH_2D_AL_#1	N	2690	mg/kg	10.00	< 10	< 10	< 10	< 10	< 10
Total Aliphatic EPH >C10-C35 MC	EH_2D_AL_#1	M	2690	mg/kg	5.00	< 5.0	< 5.0	6.0	< 5.0	19
Aromatic VPH >C5-C7	HS_2D_AR	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Results - Soil

Project: Stanley Street

Client: IGSL						**Chemtest Job No.:**	24-24390	24-24390	24-24390	24-24390	24-24390
Quotation No.:						**Chemtest Sample ID.:**	1843881	1843882	1843883	1843884	1843885
Order No.:						Client Sample Ref.:	WS19	WS21	WS21	WS20	WS20
						Sample Type:	SOIL	SOIL	SOIL	SOIL	SOIL
						Top Depth (m):	1.3	1.5	2.5	1.8	1.0
						Bottom Depth (m):	2.3	2.5	3.0	2.0	1.8
						Date Sampled:	30-Jul-2024	30-Jul-2024	30-Jul-2024	30-Jul-2024	30-Jul-2024
						Asbestos Lab:	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**						
Aromatic VPH >C7-C8	HS_2D_AR	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C8-C10	HS_2D_AR	U	2780	mg/kg	0.05		< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Total Aromatic VPH >C5-C10	HS_2D_AR	U	2780	mg/kg	0.25		< 0.25	< 0.25	< 0.25	< 0.25	< 0.25
Aromatic EPH >C10-C12 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic EPH >C12-C16 MC	EH_2D_AR_#1	U	2690	mg/kg	1.00		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Aromatic EPH >C16-C21 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00		< 2.0	< 2.0	< 2.0	2.1	2.8
Aromatic EPH >C21-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	2.00		< 2.0	< 2.0	< 2.0	< 2.0	11
Aromatic EPH >C35-C40 MC	EH_2D_AR_#1	N	2690	mg/kg	1.00		< 1.0	< 1.0	< 1.0	< 1.0	2.0
Total Aromatic EPH >C10-C35 MC	EH_2D_AR_#1	U	2690	mg/kg	5.00		< 5.0	< 5.0	< 5.0	< 5.0	15
Total VPH >C5-C10	HS_2D_Total	U	2780	mg/kg	0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Total EPH >C10-C35 MC	EH_2D_Total_#1	U	2690	mg/kg	10.00		< 10	< 10	< 10	< 10	33
Mineral Oil EPH		N	2670	mg/kg	10		< 10	< 10	< 10	< 10	< 10
Benzene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
m & p-Xylene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-Xylene		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Methyl Tert-Butyl Ether		M	2760	µg/kg	1.0		< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Naphthalene		M	2800	mg/kg	0.10		< 0.10	0.14	< 0.10	< 0.10	0.45
Acenaphthylene		N	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Acenaphthene		M	2800	mg/kg	0.10		< 0.10	1.5	< 0.10	< 0.10	0.24
Fluorene		M	2800	mg/kg	0.10		< 0.10	1.5	< 0.10	< 0.10	0.21
Phenanthrene		M	2800	mg/kg	0.10		< 0.10	0.73	< 0.10	< 0.10	2.4
Anthracene		M	2800	mg/kg	0.10		< 0.10	0.51	< 0.10	< 0.10	0.45
Fluoranthene		M	2800	mg/kg	0.10		< 0.10	1.1	< 0.10	< 0.10	4.4
Pyrene		M	2800	mg/kg	0.10		< 0.10	0.92	< 0.10	< 0.10	4.3
Benzo[a]anthracene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	2.5
Chrysene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	3.2
Benzo[b]fluoranthene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	3.6
Benzo[k]fluoranthene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	1.3
Benzo[a]pyrene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	2.5
Indeno(1,2,3-c,d)Pyrene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	1.6
Dibenz(a,h)Anthracene		N	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	0.52
Benzo[g,h,i]perylene		M	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	1.7
Coronene		N	2800	mg/kg	0.10		< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
PCB 28		U	2815	mg/kg	0.010		< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 52		U	2815	mg/kg	0.010		< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 101		U	2815	mg/kg	0.010		< 0.010	< 0.010	< 0.010	< 0.010	< 0.010

Results - Soil

Project: Stanley Street

Client: IGSL			**Chemtest Job No.:**			24-24390	24-24390	24-24390	24-24390	24-24390
Quotation No.:			**Chemtest Sample ID.:**			1843881	1843882	1843883	1843884	1843885
Order No.:			Client Sample Ref.:			WS19	WS21	WS21	WS20	WS20
			Sample Type:			SOIL	SOIL	SOIL	SOIL	SOIL
			Top Depth (m):			1.3	1.5	2.5	1.8	1.0
			Bottom Depth (m):			2.3	2.5	3.0	2.0	1.8
			Date Sampled:			30-Jul-2024	30-Jul-2024	30-Jul-2024	30-Jul-2024	30-Jul-2024
			Asbestos Lab:			DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	**HWOL Code**	**Accred.**	**SOP**	**Units**	**LOD**					
PCB 118		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 153		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 138		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
PCB 180		U	2815	mg/kg	0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010
Tot PCBs Low (7 Congeners)		N	2815	mg/kg	0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Total Phenols		M	2920	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Results - Single Stage WAC

Project: Stanley Street

Chemtest Job No:	24-24390					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1843881							
Sample Ref:	WS19							
Sample ID:								
Sample Location:								
Top Depth(m):	1.3							
Bottom Depth(m):	2.3							
Sampling Date:	30-Jul-2024					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		M	%	2.9	3	5	6
Loss On Ignition	2610		M	%	7.4	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	< 10	500	--	--
Total Of 17 PAHs Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		M		7.9	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.0050	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0009	0.0090	0.5	2	25
Barium	1455		U	0.025	0.25	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0025	0.025	0.5	10	70
Copper	1455		U	0.0012	0.012	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0028	0.029	0.5	10	30
Nickel	1455		U	0.0025	0.025	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0013	0.013	0.06	0.7	5
Selenium	1455		U	0.0025	0.025	0.1	0.5	7
Zinc	1455		U	0.005	0.046	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.22	2.2	10	150	500
Sulphate	1220		U	210	2100	1000	20000	50000
Total Dissolved Solids	1020		N	290	2900	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	< 2.5	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	4.4

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: Stanley Street

Chemtest Job No:	24-24390					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1843882							
Sample Ref:	WS21							
Sample ID:								
Sample Location:								
Top Depth(m):	1.5							
Bottom Depth(m):	2.5							
Sampling Date:	30-Jul-2024					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		M	%	1.2	3	5	6
Loss On Ignition	2610		M	%	13	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	< 10	500	--	--
Total Of 17 PAHs Lower	2800		N	mg/kg	6.4	100	--	--
pH at 20C	2010		M		8.2	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.012	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0054	0.055	0.5	2	25
Barium	1455		U	0.057	0.57	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0027	0.027	0.5	10	70
Copper	1455		U	0.0015	0.015	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.0058	0.058	0.5	10	30
Nickel	1455		U	0.0024	0.024	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0028	0.028	0.06	0.7	5
Selenium	1455		U	0.0044	0.044	0.1	0.5	7
Zinc	1455		U	< 0.003	< 0.025	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.14	1.4	10	150	500
Sulphate	1220		U	31	310	1000	20000	50000
Total Dissolved Solids	1020		N	82	820	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	< 2.5	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	11

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: Stanley Street

Chemtest Job No:	24-24390					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1843883							
Sample Ref:	WS21							
Sample ID:								
Sample Location:								
Top Depth(m):	2.5							
Bottom Depth(m):	3.0							
Sampling Date:	30-Jul-2024					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		M	%	0.47	3	5	6
Loss On Ignition	2610		M	%	5.1	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	< 10	500	--	--
Total Of 17 PAHs Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		M		8.2	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.011	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0018	0.018	0.5	2	25
Barium	1455		U	0.016	0.16	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0025	0.026	0.5	10	70
Copper	1455		U	0.0006	0.0061	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.016	0.16	0.5	10	30
Nickel	1455		U	0.0043	0.044	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0045	0.045	0.06	0.7	5
Selenium	1455		U	0.0026	0.026	0.1	0.5	7
Zinc	1455		U	0.004	0.040	4	50	200
Chloride	1220		U	8.3	83	800	15000	25000
Fluoride	1220		U	0.15	1.5	10	150	500
Sulphate	1220		U	13	130	1000	20000	50000
Total Dissolved Solids	1020		N	100	1000	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	2.8	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	8.8

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: Stanley Street

Chemtest Job No:	24-24390					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1843884							
Sample Ref:	WS20							
Sample ID:								
Sample Location:								
Top Depth(m):	1.8							
Bottom Depth(m):	2.0							
Sampling Date:	30-Jul-2024					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		M	%	0.45	3	5	6
Loss On Ignition	2610		M	%	4.3	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	< 10	500	--	--
Total Of 17 PAHs Lower	2800		N	mg/kg	< 1.0	100	--	--
pH at 20C	2010		M		8.4	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.011	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0051	0.051	0.5	2	25
Barium	1455		U	0.021	0.21	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0036	0.037	0.5	10	70
Copper	1455		U	0.0031	0.031	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.039	0.39	0.5	10	30
Nickel	1455		U	0.0026	0.026	0.4	10	40
Lead	1455		U	0.0007	0.0065	0.5	10	50
Antimony	1455		U	0.0029	0.029	0.06	0.7	5
Selenium	1455		U	0.0032	0.032	0.1	0.5	7
Zinc	1455		U	0.007	0.069	4	50	200
Chloride	1220		U	1.1	11	800	15000	25000
Fluoride	1220		U	0.16	1.6	10	150	500
Sulphate	1220		U	28	280	1000	20000	50000
Total Dissolved Solids	1020		N	85	850	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	2.9	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	10

Waste Acceptance Criteria

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

Results - Single Stage WAC

Project: Stanley Street

Chemtest Job No:	24-24390					**Landfill Waste Acceptance Criteria Limits**		
Chemtest Sample ID:	1843885							
Sample Ref:	WS20							
Sample ID:								
Sample Location:								
Top Depth(m):	1.0							
Bottom Depth(m):	1.8							
Sampling Date:	30-Jul-2024					**Inert Waste Landfill**	**Stable, Non-reactive hazardous waste in non-hazardous Landfill**	**Hazardous Waste Landfill**
Determinand	**SOP**	**HWOL Code**	**Accred.**	**Units**				
Total Organic Carbon	2625		M	%	3.2	3	5	6
Loss On Ignition	2610		M	%	2.2	--	--	10
Total BTEX	2760		M	mg/kg	< 0.010	6	--	--
Total PCBs (7 Congeners)	2815		M	mg/kg	< 0.10	1	--	--
TPH Total WAC	2670	EH_CU_1D_Total	M	mg/kg	250	500	--	--
Total Of 17 PAHs Lower	2800		N	mg/kg	29	100	--	--
pH at 20C	2010		M		8.3	--	>6	--
Acid Neutralisation Capacity	2015		N	mol/kg	0.013	--	To evaluate	To evaluate
Eluate Analysis				**10:1 Eluate mg/l**	**10:1 Eluate mg/kg**	**Limit values for compliance leaching test using BS EN 12457 at L/S 10 l/kg**		
Arsenic	1455		U	0.0008	0.0081	0.5	2	25
Barium	1455		U	0.020	0.20	20	100	300
Cadmium	1455		U	< 0.00011	< 0.0011	0.04	1	5
Chromium	1455		U	0.0024	0.024	0.5	10	70
Copper	1455		U	0.0010	0.0096	2	50	100
Mercury	1455		U	< 0.00005	< 0.00050	0.01	0.2	2
Molybdenum	1455		U	0.048	0.48	0.5	10	30
Nickel	1455		U	0.0027	0.027	0.4	10	40
Lead	1455		U	< 0.0005	< 0.0050	0.5	10	50
Antimony	1455		U	0.0015	0.015	0.06	0.7	5
Selenium	1455		U	0.0024	0.024	0.1	0.5	7
Zinc	1455		U	0.004	0.040	4	50	200
Chloride	1220		U	< 1.0	< 10	800	15000	25000
Fluoride	1220		U	0.18	1.8	10	150	500
Sulphate	1220		U	46	460	1000	20000	50000
Total Dissolved Solids	1020		N	130	1300	4000	60000	100000
Phenol Index	1920		U	< 0.030	< 0.30	1	-	-
Dissolved Organic Carbon	1610		U	3.3	< 50	500	800	1000

Solid Information	
Dry mass of test portion/kg	0.090
Moisture (%)	13

Waste Acceptance Criteria

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

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
1010	pH Value of Waters	pH at 20°C	pH Meter	
1020	Electrical Conductivity and Total Dissolved Solids (TDS) in Waters	Electrical Conductivity at 25°C and Total Dissolved Solids (TDS) in Waters	Conductivity Meter	
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.	
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).	
1610	Total/Dissolved Organic Carbon in Waters	Organic Carbon	TOC Analyser using Catalytic Oxidation	
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.	
2010	pH Value of Soils	pH at 20°C	pH Meter	
2015	Acid Neutralisation Capacity	Acid Reserve	Titration	
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <30°C.	
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930	
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES	
2180	Sulphur (Elemental) in Soils by HPLC	Sulphur	Dichloromethane extraction / HPLC with UV detection	
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry	
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Allkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.	
2325	Sulphide in Soils	Sulphide	Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N–dimethyl-p-phenylenediamine.	
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.	
2455	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.	
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.	
2610	Loss on Ignition	loss on ignition (LOI)	Determination of the proportion by mass that is lost from a soil by ignition at 550°C.	
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.	
2670	Total Petroleum Hydrocarbons (TPH) in Soils by GC-FID	TPH (C6–C40); optional carbon banding, e.g. 3-band – GRO, DRO & LRO*TPH C8–C40	Dichloromethane extraction / GC-FID	
2690	EPH A/A Split	Aliphatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40 Aromatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40	Acetone/Heptane extraction / GCxGC FID detection	
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics.(cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.	

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
2780	VPH A/A Split	Aliphatics: >C5–C6, >C6–C7,>C7–C8,>C8-C10 Aromatics: >C5–C7,>C7-C8,>C8–C10	Water extraction / Headspace GCxGC FID detection	
2800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Dibenz[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene*	Dichloromethane extraction / GC-MS	
2815	Polychlorinated Biphenyls (PCB) ICES7Congeners in Soils by GC-MS	ICES7 PCB congeners	Acetone/Hexane extraction / GC-MS. Reported PCB 101 results may contain contributions from PCB 90 due to inseparable chromatography.	
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.	
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge	

Report Information

Key

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

This report shall not be reproduced except in full, and only with the prior approval of the laboratory.
Any comments or interpretations are outside the scope of UKAS accreditation.
The Laboratory is not accredited for any sampling activities and reported results relate to the samples 'as received' at the laboratory.
Uncertainty of measurement for the determinands tested are available upon request .
None of the results in this report have been recovery corrected.
All results are expressed on a dry weight basis.

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

For all other tests the samples were dried at ≤ 30°C prior to analysis.
All Asbestos testing is performed at the indicated laboratory .
Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1.

Sample Deviation Codes

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

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt.
All water samples will be retained for 14 days from the date of receipt.
Charges may apply to extended sample storage.

Water Sample Category Key for Accreditation

DW - Drinking Water
GW - Ground Water
LE - Land Leachate
NA - Not Applicable

Report Information

PL - Prepared Leachate
PW - Processed Water
RE - Recreational Water
SA - Saline Water
SW - Surface Water
TE - Treated Effluent
TS - Treated Sewage
UL - Unspecified Liquid

Clean Up Codes

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

HWOL Acronym System

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

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com

Appendix 3

Waste Classification Report

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.

E4CNE-MLRJG-AVVHZ

Job name

24-001-19 Stanley Street

Description/Comments

56 No. Composite Samples from 14 No. Cable Percussion Boreholes, 10 No. Trial Pits and 15 No. Window Sample Boreholes.

Project

24-001-19

Site

Stanley Street

Classified by

Name:
Austin Hynes
Date:
23 Apr 2024 10:46 GMT
Telephone:
+353 (0)21 4345366

Company:
O'Callaghan Moran & Associates
Unit 15 Melbourne Business Park,
Model Farm Road
Cork

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	06 Oct 2022

Next 3 year Refresher due by Oct 2025

Purpose of classification

7 - Disposal of Waste

Address of the waste

Stanley Street, Dublin 7 **Post Code** NA

SIC for the process giving rise to the waste

41202 Construction of domestic buildings

Description of industry/producer giving rise to the waste

Site Investigation

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

Excavation

Description of the waste

Soil and Stone

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	BH01	1.00	Non Hazardous		4
2	BH02A	1.00	Non Hazardous		7
3	BH03	2.00	Non Hazardous		10
4	BH03[2]	3.00	Non Hazardous		13
5	BH04	1.00	Non Hazardous		16
6	BH05	2.00	Non Hazardous		19
7	BH06	1.00	Non Hazardous		22
8	BH07	2.00	Non Hazardous		25
9	BH08	1.00	Non Hazardous		28
10	BH09	1.00	Non Hazardous		31
11	BH10	2.00	Hazardous	HP 3(i), HP 7, HP 11	34
12	BH11	1.00	Non Hazardous		37
13	BH12	1.00	Non Hazardous		40
14	BH13	1.00	Non Hazardous		43
15	BH14	1.00	Non Hazardous		46
16	TP01	0.70	Non Hazardous		49
17	TP01[2]	1.50	Hazardous	HP 3(i), HP 7, HP 11	52
18	TP01[3]	2.30	Non Hazardous		55
19	TP02	0.70	Non Hazardous		58
20	TP03	0.50	Non Hazardous		61
21	TP04	0.70	Non Hazardous		64
22	TP05	0.40	Hazardous	HP 3(i), HP 7, HP 11	67
23	TP05[2]	1.60	Non Hazardous		70
24	TP06	1.80	Non Hazardous		73
25	TP07	0.60	Non Hazardous		76
26	TP08	1.40	Non Hazardous		79
27	TP10	1.60	Non Hazardous		82
28	TP11	1.30	Non Hazardous		85
29	WS1	1.00-2.00	Hazardous	HP 3(i), HP 7, HP 11	88
30	WS1[2]	2.00-3.50	Non Hazardous		91
31	WS2	0.00-1.00	Non Hazardous		94
32	WS2[2]	2.00-3.00	Non Hazardous		97
33	WS3	0.00-2.00	Hazardous	HP 3(i), HP 7, HP 11	100
34	WS4	0.00-1.00	Non Hazardous		103
35	WS4[2]	1.00-2.90	Non Hazardous		106
36	WS5	0.00-2.00	Hazardous	HP 3(i), HP 7, HP 11	109
37	WS5[2]	2.50-3.50	Non Hazardous		112
38	WS6	0.00-2.00	Hazardous	HP 3(i)	115
39	WS6[2]	2.00-4.00	Hazardous	HP 3(i)	118
40	WS3[2]	2.00-3.00	Hazardous	HP 3(i), HP 7, HP 11	121
41	WS7	0.00-1.00	Non Hazardous		124
42	WS7[2]	2.00-4.00	Hazardous	HP 3(i), HP 7, HP 11	127
43	WS8	0.00-1.00	Hazardous	HP 3(i), HP 7, HP 10, HP 11, HP 14	130
44	WS9	0.00-1.50	Hazardous	HP 3(i)	133
45	WS9[2]	1.50-2.50	Hazardous	HP 3(i), HP 7, HP 11	136
46	WS9[3]	2.50-3.50	Non Hazardous		139
47	WS10	0.00-1.00	Non Hazardous		142
48	WS10[2]	1.50-3.00	Hazardous	HP 3(i)	145
49	WS11	0.00-1.50	Non Hazardous		148
50	WS12	0.00-2.00	Non Hazardous		151
51	WS12[2]	2.50-3.50	Non Hazardous		154
52	WS13	0.50-2.00	Non Hazardous		157
53	WS13[2]	2.50-4.00	Non Hazardous		160
54	WS14	0.50-2.00	Non Hazardous		163
55	WS15	0.50-2.00	Non Hazardous		166
56	WS15[2]	2.50-4.00	Non Hazardous		169

Related documents

#	Name	Description
1	OCM Waste Stream Updated 2021	waste stream template used to create this Job

Report

Created by: Austin Hynes

Created date: 23 Apr 2024 10:46 GMT

Appendices	Page
Appendix A: Classifier defined and non EU CLP determinands	172
Appendix B: Rationale for selection of metal species	173
Appendix C: Version	174

Classification of sample: BH01

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

Sample details

Sample name:
BH01
Sample Depth:
1.00 m
Moisture content:
5.7%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 5.7% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		19 mg/kg	1.197	22.745 mg/kg	0.00227 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		84 mg/kg	1.32	110.907 mg/kg	0.0111 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		<**LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	2.056 mg/kg	0.000206 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		370 mg/kg	1.126	416.579 mg/kg	0.0417 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	470 mg/kg		470 mg/kg	0.047 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.2 mg/kg	1.353	0.271 mg/kg	0.0000271 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		1.2 mg/kg	1.5	1.8 mg/kg	0.00018 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		26 mg/kg	2.976	77.383 mg/kg	0.00774 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.1 mg/kg	2.554	2.809 mg/kg	0.000281 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		300 mg/kg	1.245	373.414 mg/kg	0.0373 %		
14	TPH (C6 to C40) petroleum group			TPH		24 mg/kg		24 mg/kg	0.0024 %		

#		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
15		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
19		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]		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		0.4	mg/kg		0.4	mg/kg	0.00004 %		
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27		fluoranthene		205-912-4	206-44-0		0.58	mg/kg		0.58	mg/kg	0.000058 %		
28		pyrene		204-927-3	129-00-0		0.51	mg/kg		0.51	mg/kg	0.000051 %		
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.31	mg/kg		0.31	mg/kg	0.000031 %		
30		chrysene	601-048-00-0	205-923-4	218-01-9		0.25	mg/kg		0.25	mg/kg	0.000025 %		
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
38		polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
											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

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0024%)

Classification of sample: BH02A

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

Sample details

Sample name:
BH02A
Sample Depth:
1.00 m
Moisture content:
16%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 16% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.2 mg/kg	1.197	2.634 mg/kg	0.000263 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15 mg/kg	1.32	19.805 mg/kg	0.00198 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	2.4 mg/kg	3.22	7.728 mg/kg	0.000773 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.2 mg/kg	1.142	2.513 mg/kg	0.000251 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		**<LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		62 mg/kg	1.126	69.805 mg/kg	0.00698 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	89 mg/kg		89 mg/kg	0.0089 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.22 mg/kg	1.353	0.298 mg/kg	0.0000298 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.9 mg/kg	1.5	5.851 mg/kg	0.000585 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		50 mg/kg	2.976	148.813 mg/kg	0.0149 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.2 mg/kg	2.554	3.065 mg/kg	0.000306 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		140 mg/kg	1.245	174.26 mg/kg	0.0174 %		
14	TPH (C6 to C40) petroleum group			TPH		34 mg/kg		34 mg/kg	0.0034 %		

#	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
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
19	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
21	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
22	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
23	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
24	fluorene		201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
25	phenanthrene		201-581-5	85-01-8		0.26 mg/kg		0.26 mg/kg	0.000026 %		
26	anthracene		204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
27	fluoranthene		205-912-4	206-44-0		0.35 mg/kg		0.35 mg/kg	0.000035 %		
28	pyrene		204-927-3	129-00-0		0.35 mg/kg		0.35 mg/kg	0.000035 %		
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.26 mg/kg		0.26 mg/kg	0.000026 %		
30	chrysene	601-048-00-0	205-923-4	218-01-9		0.26 mg/kg		0.26 mg/kg	0.000026 %		
31	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.44 mg/kg		0.44 mg/kg	0.000044 %		
32	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
33	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.28 mg/kg		0.28 mg/kg	0.000028 %		
34	indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
35	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
36	benzo[ghi]perylene		205-883-8	191-24-2		0.24 mg/kg		0.24 mg/kg	0.000024 %		
37	phenol	604-001-00-2	203-632-7	108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
38	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
								Total:	0.0597 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0034%)

Classification of sample: BH03

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

Sample details

Sample name:
BH03
Sample Depth:
2.00 m
Moisture content:
19%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 19% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		7.9 mg/kg	1.197	9.457 mg/kg	0.000946 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		43 mg/kg	1.32	56.774 mg/kg	0.00568 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	2.7 mg/kg	3.22	8.694 mg/kg	0.000869 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1 mg/kg	1.142	1.142 mg/kg	0.000114 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		27 mg/kg	1.462	39.462 mg/kg	0.00395 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		210 mg/kg	1.126	236.437 mg/kg	0.0236 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	540 mg/kg		540 mg/kg	0.054 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.2 mg/kg	1.353	1.624 mg/kg	0.000162 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		9.5 mg/kg	1.5	14.252 mg/kg	0.00143 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		75 mg/kg	2.976	223.22 mg/kg	0.0223 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.3 mg/kg	2.554	3.32 mg/kg	0.000332 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		230 mg/kg	1.245	286.284 mg/kg	0.0286 %		
14	TPH (C6 to C40) petroleum group			TPH		21 mg/kg		21 mg/kg	0.0021 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				0.54	mg/kg		0.54	mg/kg	0.000054 %		
			201-581-5	85-01-8									
26		anthracene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
			204-371-1	120-12-7									
27		fluoranthene				0.84	mg/kg		0.84	mg/kg	0.000084 %		
			205-912-4	206-44-0									
28		pyrene				0.69	mg/kg		0.69	mg/kg	0.000069 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.46	mg/kg		0.46	mg/kg	0.000046 %		
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				0.49	mg/kg		0.49	mg/kg	0.000049 %		
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				0.39	mg/kg		0.39	mg/kg	0.000039 %		
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.24	mg/kg		0.24	mg/kg	0.000024 %		
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.21	mg/kg		0.21	mg/kg	0.000021 %		
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.145 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0021%)

Classification of sample: BH03[2]

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

Sample details

Sample name:
BH03[2]
Sample Depth:
3.00 m
Moisture content:
11%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		4.9 mg/kg	1.32	6.47 mg/kg	0.000647 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	0.8 mg/kg	3.22	2.576 mg/kg	0.000258 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		3.8 mg/kg	1.142	4.341 mg/kg	0.000434 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		42 mg/kg	1.126	47.287 mg/kg	0.00473 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	31 mg/kg		31 mg/kg	0.0031 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.13 mg/kg	1.353	0.176 mg/kg	0.0000176 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		11 mg/kg	1.5	16.502 mg/kg	0.00165 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		54 mg/kg	2.976	160.718 mg/kg	0.0161 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.9 mg/kg	2.554	4.852 mg/kg	0.000485 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		120 mg/kg	1.245	149.366 mg/kg	0.0149 %		
14	TPH (C6 to C40) petroleum group			TPH		24 mg/kg		24 mg/kg	0.0024 %		

#	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
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
19	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				2.5 mg/kg	1.884	4.71 mg/kg	0.000471 %		
21	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
22	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
23	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
24	fluorene		201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
25	phenanthrene		201-581-5	85-01-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
26	anthracene		204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
27	fluoranthene		205-912-4	206-44-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
28	pyrene		204-927-3	129-00-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
30	chrysene	601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
31	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
32	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
33	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
34	indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
35	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
36	benzo[ghi]perylene		205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
37	phenol	604-001-00-2	203-632-7	108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
38	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
								Total:	0.0484 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0024%)

Classification of sample: BH04

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

Sample details

Sample name:
BH04
Sample Depth:
1.00 m
Moisture content:
19%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 19% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		24 mg/kg	1.197	28.73 mg/kg	0.00287 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		49 mg/kg	1.32	64.696 mg/kg	0.00647 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	8.2 mg/kg	3.22	26.403 mg/kg	0.00264 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3 mg/kg	1.142	1.485 mg/kg	0.000149 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		28 mg/kg	1.462	40.924 mg/kg	0.00409 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		380 mg/kg	1.126	427.838 mg/kg	0.0428 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1500 mg/kg		1500 mg/kg	0.15 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.5 mg/kg	1.353	0.677 mg/kg	0.0000677 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		12 mg/kg	1.5	18.002 mg/kg	0.0018 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		100 mg/kg	2.976	297.626 mg/kg	0.0298 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2 mg/kg	2.554	5.108 mg/kg	0.000511 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		390 mg/kg	1.245	485.438 mg/kg	0.0485 %		
14	TPH (C6 to C40) petroleum group			TPH		20 mg/kg		20 mg/kg	0.002 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
21		naphthalene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				1.4	mg/kg		1.4	mg/kg	0.00014 %		
			201-581-5	85-01-8									
26		anthracene				0.26	mg/kg		0.26	mg/kg	0.000026 %		
			204-371-1	120-12-7									
27		fluoranthene				2.2	mg/kg		2.2	mg/kg	0.00022 %		
			205-912-4	206-44-0									
28		pyrene				1.8	mg/kg		1.8	mg/kg	0.00018 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.9	mg/kg		0.9	mg/kg	0.00009 %		
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.94	mg/kg		0.94	mg/kg	0.000094 %		
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				1.4	mg/kg		1.4	mg/kg	0.00014 %		
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.51	mg/kg		0.51	mg/kg	0.000051 %		
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.75	mg/kg		0.75	mg/kg	0.000075 %		
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.96	mg/kg		0.96	mg/kg	0.000096 %		
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										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

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.002%)

Classification of sample: BH05

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

Sample details

Sample name:
BH05
Sample Depth:
2.00 m
Moisture content:
18%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2 mg/kg	1.197	2.394 mg/kg	0.000239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		13 mg/kg	1.32	17.164 mg/kg	0.00172 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	2 mg/kg	3.22	6.44 mg/kg	0.000644 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.1 mg/kg	1.142	2.399 mg/kg	0.00024 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		**<LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		33 mg/kg	1.126	37.154 mg/kg	0.00372 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	55 mg/kg		55 mg/kg	0.0055 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.11 mg/kg	1.353	0.149 mg/kg	0.0000149 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.9 mg/kg	1.5	5.851 mg/kg	0.000585 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		39 mg/kg	2.976	116.074 mg/kg	0.0116 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.95 mg/kg	2.554	2.426 mg/kg	0.000243 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		100 mg/kg	1.245	124.471 mg/kg	0.0124 %		
14	TPH (C6 to C40) petroleum group			TPH		13 mg/kg		13 mg/kg	0.0013 %		

#	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
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
19	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
21	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
22	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
23	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
24	fluorene		201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
25	phenanthrene		201-581-5	85-01-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
26	anthracene		204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
27	fluoranthene		205-912-4	206-44-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
28	pyrene		204-927-3	129-00-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
30	chrysene	601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
31	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
32	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
33	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
34	indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
35	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
36	benzo[ghi]perylene		205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
37	phenol	604-001-00-2	203-632-7	108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
38	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
								Total:	0.0416 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0013%)

Classification of sample: BH06

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

Sample details

Sample name:
BH06
Sample Depth:
1.00 m
Moisture content:
25%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 25% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		5.4 mg/kg	1.197	6.464 mg/kg	0.000646 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		40 mg/kg	1.32	52.813 mg/kg	0.00528 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	5.3 mg/kg	3.22	17.065 mg/kg	0.00171 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.75 mg/kg	1.142	0.857 mg/kg	0.0000857 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		180 mg/kg	1.126	202.66 mg/kg	0.0203 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1100 mg/kg		1100 mg/kg	0.11 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		3 mg/kg	1.353	4.06 mg/kg	0.000406 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		9.8 mg/kg	1.5	14.702 mg/kg	0.00147 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		78 mg/kg	2.976	232.149 mg/kg	0.0232 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.5 mg/kg	2.554	3.831 mg/kg	0.000383 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		260 mg/kg	1.245	323.626 mg/kg	0.0324 %		
14	TPH (C6 to C40) petroleum group			TPH		260 mg/kg		260 mg/kg	0.026 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				2.4	mg/kg	1.884	4.522	mg/kg	0.000452 %		
		006-007-00-5											
21		naphthalene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				2.8	mg/kg		2.8	mg/kg	0.00028 %		
			201-469-6	83-32-9									
24		fluorene				2.3	mg/kg		2.3	mg/kg	0.00023 %		
			201-695-5	86-73-7									
25		phenanthrene				19	mg/kg		19	mg/kg	0.0019 %		
			201-581-5	85-01-8									
26		anthracene				2.4	mg/kg		2.4	mg/kg	0.00024 %		
			204-371-1	120-12-7									
27		fluoranthene				21	mg/kg		21	mg/kg	0.0021 %		
			205-912-4	206-44-0									
28		pyrene				18	mg/kg		18	mg/kg	0.0018 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				7.5	mg/kg		7.5	mg/kg	0.00075 %		
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				10	mg/kg		10	mg/kg	0.001 %		
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				10	mg/kg		10	mg/kg	0.001 %		
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				4.5	mg/kg		4.5	mg/kg	0.00045 %		
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				9.8	mg/kg		9.8	mg/kg	0.00098 %		
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				5.3	mg/kg		5.3	mg/kg	0.00053 %		
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				5.1	mg/kg		5.1	mg/kg	0.00051 %		
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										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

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.026%)

Classification of sample: BH07

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

Sample details

Sample name:
BH07
Sample Depth:
2.00 m
Moisture content:
5.7%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 5.7% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		14	mg/kg	1.197	16.759	mg/kg	0.00168 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		57	mg/kg	1.32	75.259	mg/kg	0.00753 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4	mg/kg	3.22	<1.288	mg/kg	<0.000129 %		**<LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1	mg/kg	1.142	1.257	mg/kg	0.000126 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.7	mg/kg	1.462	14.177	mg/kg	0.00142 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		**<LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		75	mg/kg	1.126	84.442	mg/kg	0.00844 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	390	mg/kg		390	mg/kg	0.039 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.16	mg/kg	1.353	0.217	mg/kg	0.0000217 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		1.2	mg/kg	1.5	1.8	mg/kg	0.00018 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		24	mg/kg	2.976	71.43	mg/kg	0.00714 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.91	mg/kg	2.554	2.324	mg/kg	0.000232 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		230	mg/kg	1.245	286.284	mg/kg	0.0286 %		
14	TPH (C6 to C40) petroleum group			TPH		30	mg/kg		30	mg/kg	0.003 %		

#	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
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
19	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
21	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
22	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
23	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
24	fluorene		201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
25	phenanthrene		201-581-5	85-01-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
26	anthracene		204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
27	fluoranthene		205-912-4	206-44-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
28	pyrene		204-927-3	129-00-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
30	chrysene	601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
31	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
32	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
33	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
34	indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
35	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
36	benzo[ghi]perylene		205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
37	phenol	604-001-00-2	203-632-7	108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
38	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
								Total:	0.0979 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.003%)

Classification of sample: BH08

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

Sample details

Sample name:
BH08
Sample Depth:
1.00 m
Moisture content:
5.8%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 5.8% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		18 mg/kg	1.197	21.548 mg/kg	0.00215 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		73 mg/kg	1.32	96.384 mg/kg	0.00964 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		<**LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.6 mg/kg	1.142	1.828 mg/kg	0.000183 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		10 mg/kg	1.462	14.616 mg/kg	0.00146 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		170 mg/kg	1.126	191.401 mg/kg	0.0191 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	460 mg/kg		460 mg/kg	0.046 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.25 mg/kg	1.353	0.338 mg/kg	0.0000338 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		1.3 mg/kg	1.5	1.95 mg/kg	0.000195 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		31 mg/kg	2.976	92.264 mg/kg	0.00923 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1 mg/kg	2.554	2.554 mg/kg	0.000255 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		400 mg/kg	1.245	497.886 mg/kg	0.0498 %		
14	TPH (C6 to C40) petroleum group			TPH		12 mg/kg		12 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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0									
28		pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.14 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0012%)

Classification of sample: BH09

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

Sample details

Sample name:
BH09
Sample Depth:
1.00 m
Moisture content:
6.3%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 6.3% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		20 mg/kg	1.197	23.942 mg/kg	0.00239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		90 mg/kg	1.32	118.829 mg/kg	0.0119 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		**<LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.5 mg/kg	1.142	2.856 mg/kg	0.000286 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		**<LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		110 mg/kg	1.126	123.848 mg/kg	0.0124 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	460 mg/kg		460 mg/kg	0.046 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.2 mg/kg	1.353	0.271 mg/kg	0.0000271 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		1.5 mg/kg	1.5	2.25 mg/kg	0.000225 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		34 mg/kg	2.976	101.193 mg/kg	0.0101 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.1 mg/kg	2.554	2.809 mg/kg	0.000281 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		410 mg/kg	1.245	510.333 mg/kg	0.051 %		
14	TPH (C6 to C40) petroleum group			TPH		10 mg/kg		10 mg/kg	0.001 %		

#	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
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
19	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
21	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
22	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
23	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
24	fluorene		201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
25	phenanthrene		201-581-5	85-01-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
26	anthracene		204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
27	fluoranthene		205-912-4	206-44-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
28	pyrene		204-927-3	129-00-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
30	chrysene	601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
31	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
32	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
33	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
34	indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
35	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
36	benzo[ghi]perylene		205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
37	phenol	604-001-00-2	203-632-7	108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
38	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
								Total:	0.138 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

Classification of sample: BH10

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

Sample details

Sample name:
BH10
Sample Depth:
2.00 m
Moisture content:
10%
(no 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 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.4%)

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.: 0.4%)

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.: 0.4%)

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.1 mg/kg	1.197	2.514 mg/kg	0.000251 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		11 mg/kg	1.32	14.524 mg/kg	0.00145 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	1.1 mg/kg	3.22	3.542 mg/kg	0.000354 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		

#	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
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13	mg/kg	1.462	19	mg/kg	0.0019 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		29	mg/kg	1.126	32.651	mg/kg	0.00327 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	24	mg/kg		24	mg/kg	0.0024 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05	mg/kg	1.353	0.0677	mg/kg	0.00000677 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.7	mg/kg	1.5	7.051	mg/kg	0.000705 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		40	mg/kg	2.976	119.051	mg/kg	0.0119 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1	mg/kg	2.554	2.554	mg/kg	0.000255 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		73	mg/kg	1.245	90.864	mg/kg	0.00909 %		
14	TPH (C6 to C40) petroleum group			TPH		4000	mg/kg		4000	mg/kg	0.4 %		
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
19	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]		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
21	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22	acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23	acenaphthene		201-469-6	83-32-9		2	mg/kg		2	mg/kg	0.0002 %		
24	fluorene		201-695-5	86-73-7		1.5	mg/kg		1.5	mg/kg	0.00015 %		
25	phenanthrene		201-581-5	85-01-8		0.22	mg/kg		0.22	mg/kg	0.000022 %		
26	anthracene		204-371-1	120-12-7		0.33	mg/kg		0.33	mg/kg	0.000033 %		
27	fluoranthene		205-912-4	206-44-0		1.4	mg/kg		1.4	mg/kg	0.00014 %		
28	pyrene		204-927-3	129-00-0		1.2	mg/kg		1.2	mg/kg	0.00012 %		
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		1.5	mg/kg		1.5	mg/kg	0.00015 %		

#		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									
30		chrysene				1.7	mg/kg		1.7	mg/kg	0.00017 %		
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				1.8	mg/kg		1.8	mg/kg	0.00018 %		
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				1.4	mg/kg		1.4	mg/kg	0.00014 %		
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				5.3	mg/kg		5.3	mg/kg	0.00053 %		
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				6.8	mg/kg		6.8	mg/kg	0.00068 %		
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				4.4	mg/kg		4.4	mg/kg	0.00044 %		
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.435 %		

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: BH11

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

Sample details

Sample name:
BH11
Sample Depth:
1.00 m
Moisture content:
7.9%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 7.9% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		12 mg/kg	1.197	14.365 mg/kg	0.00144 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		48 mg/kg	1.32	63.376 mg/kg	0.00634 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		**<LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.599 mg/kg	0.00016 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9 mg/kg	1.462	13.154 mg/kg	0.00132 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		**<LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		290 mg/kg	1.126	326.508 mg/kg	0.0327 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	300 mg/kg		300 mg/kg	0.03 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.1 mg/kg	1.353	0.135 mg/kg	0.0000135 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		1.2 mg/kg	1.5	1.8 mg/kg	0.00018 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		23 mg/kg	2.976	68.454 mg/kg	0.00685 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1 mg/kg	2.554	2.554 mg/kg	0.000255 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		240 mg/kg	1.245	298.731 mg/kg	0.0299 %		
14	TPH (C6 to C40) petroleum group			TPH		24 mg/kg		24 mg/kg	0.0024 %		

#	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
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
19	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
21	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
22	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
23	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
24	fluorene		201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
25	phenanthrene		201-581-5	85-01-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
26	anthracene		204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
27	fluoranthene		205-912-4	206-44-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
28	pyrene		204-927-3	129-00-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
30	chrysene	601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
31	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
32	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
33	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
34	indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
35	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
36	benzo[ghi]perylene		205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
37	phenol	604-001-00-2	203-632-7	108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
38	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
								Total:	0.112 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0024%)

Classification of sample: BH12

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

Sample details

Sample name:
BH12
Sample Depth:
1.00 m
Moisture content:
11%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		9.4 mg/kg	1.197	11.253 mg/kg	0.00113 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		35 mg/kg	1.32	46.211 mg/kg	0.00462 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		<**LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		3.6 mg/kg	1.142	4.112 mg/kg	0.000411 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		85 mg/kg	1.126	95.701 mg/kg	0.00957 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	160 mg/kg		160 mg/kg	0.016 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.18 mg/kg	1.353	0.244 mg/kg	0.0000244 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.4 mg/kg	1.5	8.101 mg/kg	0.00081 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		60 mg/kg	2.976	178.576 mg/kg	0.0179 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.7 mg/kg	2.554	4.342 mg/kg	0.000434 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		310 mg/kg	1.245	385.861 mg/kg	0.0386 %		
14	TPH (C6 to C40) petroleum group			TPH		11 mg/kg		11 mg/kg	0.0011 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
		006-007-00-5											
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			201-695-5	86-73-7									
25		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			201-581-5	85-01-8									
26		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			204-371-1	120-12-7									
27		fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-912-4	206-44-0									
28		pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.094 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0011%)

Classification of sample: BH13

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

Sample details

Sample name:
BH13
Sample Depth:
1.00 m
Moisture content:
7%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 7% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		17 mg/kg	1.197	20.351 mg/kg	0.00204 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		64 mg/kg	1.32	84.501 mg/kg	0.00845 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		**<LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5 mg/kg	1.142	1.713 mg/kg	0.000171 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.8 mg/kg	1.462	14.323 mg/kg	0.00143 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		**<LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		260 mg/kg	1.126	292.731 mg/kg	0.0293 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	310 mg/kg		310 mg/kg	0.031 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.17 mg/kg	1.353	0.23 mg/kg	0.000023 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		1.1 mg/kg	1.5	1.65 mg/kg	0.000165 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		24 mg/kg	2.976	71.43 mg/kg	0.00714 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.87 mg/kg	2.554	2.222 mg/kg	0.000222 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		330 mg/kg	1.245	410.756 mg/kg	0.0411 %		
14	TPH (C6 to C40) petroleum group			TPH		<10 mg/kg		<10 mg/kg	<0.001 %		**<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
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
19	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
21	naphthalene	601-052-00-2	202-049-5	91-20-3		0.18 mg/kg		0.18 mg/kg	0.000018 %		
22	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	fluorene		201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	phenanthrene		201-581-5	85-01-8		0.9 mg/kg		0.9 mg/kg	0.00009 %		
26	anthracene		204-371-1	120-12-7		0.21 mg/kg		0.21 mg/kg	0.000021 %		
27	fluoranthene		205-912-4	206-44-0		1.1 mg/kg		1.1 mg/kg	0.00011 %		
28	pyrene		204-927-3	129-00-0		0.96 mg/kg		0.96 mg/kg	0.000096 %		
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.42 mg/kg		0.42 mg/kg	0.000042 %		
30	chrysene	601-048-00-0	205-923-4	218-01-9		0.58 mg/kg		0.58 mg/kg	0.000058 %		
31	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.51 mg/kg		0.51 mg/kg	0.000051 %		
32	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.22 mg/kg		0.22 mg/kg	0.000022 %		
33	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.3 mg/kg		0.3 mg/kg	0.00003 %		
34	indeno[123-cd]pyrene		205-893-2	193-39-5		0.23 mg/kg		0.23 mg/kg	0.000023 %		
35	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.18 mg/kg		0.18 mg/kg	0.000018 %		
36	benzo[ghi]perylene		205-883-8	191-24-2		0.19 mg/kg		0.19 mg/kg	0.000019 %		
37	phenol	604-001-00-2	203-632-7	108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
38	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
								Total:	0.123 %		

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: BH14

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

Sample details

Sample name:
BH14
Sample Depth:
1.00 m
Moisture content:
8.4%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		22 mg/kg	1.197	26.336 mg/kg	0.00263 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		27 mg/kg	1.32	35.649 mg/kg	0.00356 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	0.47 mg/kg	3.22	1.513 mg/kg	0.000151 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.71 mg/kg	1.142	0.811 mg/kg	0.0000811 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		54 mg/kg	1.126	60.798 mg/kg	0.00608 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	920 mg/kg		920 mg/kg	0.092 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.11 mg/kg	1.353	0.149 mg/kg	0.0000149 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		1.4 mg/kg	1.5	2.1 mg/kg	0.00021 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		17 mg/kg	2.976	50.597 mg/kg	0.00506 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.83 mg/kg	2.554	2.12 mg/kg	0.000212 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		110 mg/kg	1.245	136.919 mg/kg	0.0137 %		
14	TPH (C6 to C40) petroleum group			TPH		<10 mg/kg		<10 mg/kg	<0.001 %		<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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
21		naphthalene				0.18	mg/kg		0.18	mg/kg	0.000018 %		
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				0.38	mg/kg		0.38	mg/kg	0.000038 %		
			201-581-5	85-01-8									
26		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
			205-912-4	206-44-0									
28		pyrene				0.32	mg/kg		0.32	mg/kg	0.000032 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.127 %		

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: TP01

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

Sample details

Sample name:
TP01
Sample Depth:
0.70 m
Moisture content:
9.1%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 9.1% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		4.1	mg/kg	1.197	4.908	mg/kg	0.000491 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20	mg/kg	1.32	26.407	mg/kg	0.00264 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	1.6	mg/kg	3.22	5.152	mg/kg	0.000515 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.65	mg/kg	1.142	0.743	mg/kg	0.0000743 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16	mg/kg	1.462	23.385	mg/kg	0.00234 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		**<LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		210	mg/kg	1.126	236.437	mg/kg	0.0236 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	390	mg/kg		390	mg/kg	0.039 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.46	mg/kg	1.353	0.623	mg/kg	0.0000623 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.1	mg/kg	1.5	6.151	mg/kg	0.000615 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		40	mg/kg	2.976	119.051	mg/kg	0.0119 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.82	mg/kg	2.554	2.094	mg/kg	0.000209 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		150	mg/kg	1.245	186.707	mg/kg	0.0187 %		
14	TPH (C6 to C40) petroleum group			TPH		70	mg/kg		70	mg/kg	0.007 %		

#	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
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
19	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
21	naphthalene	601-052-00-2	202-049-5	91-20-3		0.17 mg/kg		0.17 mg/kg	0.000017 %		
22	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	fluorene		201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	phenanthrene		201-581-5	85-01-8		1.2 mg/kg		1.2 mg/kg	0.00012 %		
26	anthracene		204-371-1	120-12-7		0.21 mg/kg		0.21 mg/kg	0.000021 %		
27	fluoranthene		205-912-4	206-44-0		1.5 mg/kg		1.5 mg/kg	0.00015 %		
28	pyrene		204-927-3	129-00-0		1.3 mg/kg		1.3 mg/kg	0.00013 %		
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.74 mg/kg		0.74 mg/kg	0.000074 %		
30	chrysene	601-048-00-0	205-923-4	218-01-9		0.54 mg/kg		0.54 mg/kg	0.000054 %		
31	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.92 mg/kg		0.92 mg/kg	0.000092 %		
32	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.21 mg/kg		0.21 mg/kg	0.000021 %		
33	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.59 mg/kg		0.59 mg/kg	0.000059 %		
34	indeno[123-cd]pyrene		205-893-2	193-39-5		0.51 mg/kg		0.51 mg/kg	0.000051 %		
35	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
36	benzo[ghi]perylene		205-883-8	191-24-2		0.45 mg/kg		0.45 mg/kg	0.000045 %		
37	phenol	604-001-00-2	203-632-7	108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
38	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
								Total:	0.108 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.007%)

Classification of sample: TP01[2]

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

Sample details

Sample name:
TP01[2]
Sample Depth:
1.50 m
Moisture content:
20%
(no 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 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.29%)

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.: 0.29%)

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.: 0.29%)

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.3 mg/kg	1.197	2.753 mg/kg	0.000275 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		13 mg/kg	1.32	17.164 mg/kg	0.00172 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	2 mg/kg	3.22	6.44 mg/kg	0.000644 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.9 mg/kg	1.142	2.17 mg/kg	0.000217 %		

#	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
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		43 mg/kg	1.126	48.413 mg/kg	0.00484 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	68 mg/kg		68 mg/kg	0.0068 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.15 mg/kg	1.353	0.203 mg/kg	0.0000203 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.4 mg/kg	1.5	5.101 mg/kg	0.00051 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		40 mg/kg	2.976	119.051 mg/kg	0.0119 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.99 mg/kg	2.554	2.528 mg/kg	0.000253 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		120 mg/kg	1.245	149.366 mg/kg	0.0149 %		
14	TPH (C6 to C40) petroleum group			TPH		2900 mg/kg		2900 mg/kg	0.29 %		
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
19	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
21	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	fluorene		201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	phenanthrene		201-581-5	85-01-8		0.7 mg/kg		0.7 mg/kg	0.00007 %		
26	anthracene		204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	fluoranthene		205-912-4	206-44-0		0.53 mg/kg		0.53 mg/kg	0.000053 %		
28	pyrene		204-927-3	129-00-0		0.5 mg/kg		0.5 mg/kg	0.00005 %		
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.23 mg/kg		0.23 mg/kg	0.000023 %		

#		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									
30		chrysene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				0.24	mg/kg		0.24	mg/kg	0.000024 %		
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.336 %		

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: TP01[3]

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

Sample details

Sample name:
TP01[3]
Sample Depth:
2.30 m
Moisture content:
12%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		4	mg/kg	1.197	4.788	mg/kg	0.000479 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20	mg/kg	1.32	26.407	mg/kg	0.00264 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	1.3	mg/kg	3.22	4.186	mg/kg	0.000419 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		3.1	mg/kg	1.142	3.541	mg/kg	0.000354 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26	mg/kg	1.462	38	mg/kg	0.0038 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		**<LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		80	mg/kg	1.126	90.071	mg/kg	0.00901 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	160	mg/kg		160	mg/kg	0.016 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.57	mg/kg	1.353	0.771	mg/kg	0.0000771 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		6.6	mg/kg	1.5	9.901	mg/kg	0.00099 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		74	mg/kg	2.976	220.244	mg/kg	0.022 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.3	mg/kg	2.554	3.32	mg/kg	0.000332 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		210	mg/kg	1.245	261.39	mg/kg	0.0261 %		
14	TPH (C6 to C40) petroleum group			TPH		950	mg/kg		950	mg/kg	0.095 %		

#	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
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
19	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
21	naphthalene	601-052-00-2	202-049-5	91-20-3		0.14 mg/kg		0.14 mg/kg	0.000014 %		
22	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	acenaphthene		201-469-6	83-32-9		1.2 mg/kg		1.2 mg/kg	0.00012 %		
24	fluorene		201-695-5	86-73-7		1.1 mg/kg		1.1 mg/kg	0.00011 %		
25	phenanthrene		201-581-5	85-01-8		2.1 mg/kg		2.1 mg/kg	0.00021 %		
26	anthracene		204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	fluoranthene		205-912-4	206-44-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	pyrene		204-927-3	129-00-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	chrysene	601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
31	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
32	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
36	benzo[ghi]perylene		205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
37	phenol	604-001-00-2	203-632-7	108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
38	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
								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

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.095%)

Classification of sample: TP02

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

Sample details

Sample name:
TP02
Sample Depth:
0.70 m
Moisture content:
9.1%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 9.1% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		15 mg/kg	1.197	17.957 mg/kg	0.0018 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		48 mg/kg	1.32	63.376 mg/kg	0.00634 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	1.1 mg/kg	3.22	3.542 mg/kg	0.000354 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.45 mg/kg	1.142	0.514 mg/kg	0.0000514 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		41 mg/kg	1.462	59.924 mg/kg	0.00599 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		550 mg/kg	1.126	619.239 mg/kg	0.0619 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	700 mg/kg		700 mg/kg	0.07 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.22 mg/kg	1.353	0.298 mg/kg	0.0000298 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		16 mg/kg	1.5	24.003 mg/kg	0.0024 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		96 mg/kg	2.976	285.721 mg/kg	0.0286 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.4 mg/kg	2.554	3.575 mg/kg	0.000358 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		220 mg/kg	1.245	273.837 mg/kg	0.0274 %		
14	TPH (C6 to C40) petroleum group			TPH		30 mg/kg		30 mg/kg	0.003 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
21		naphthalene				0.73	mg/kg		0.73	mg/kg	0.000073 %		
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				0.9	mg/kg		0.9	mg/kg	0.00009 %		
			201-469-6	83-32-9									
24		fluorene				0.58	mg/kg		0.58	mg/kg	0.000058 %		
			201-695-5	86-73-7									
25		phenanthrene				4.8	mg/kg		4.8	mg/kg	0.00048 %		
			201-581-5	85-01-8									
26		anthracene				0.44	mg/kg		0.44	mg/kg	0.000044 %		
			204-371-1	120-12-7									
27		fluoranthene				3.3	mg/kg		3.3	mg/kg	0.00033 %		
			205-912-4	206-44-0									
28		pyrene				2.6	mg/kg		2.6	mg/kg	0.00026 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				1.6	mg/kg		1.6	mg/kg	0.00016 %		
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.42	mg/kg		0.42	mg/kg	0.000042 %		
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				1	mg/kg		1	mg/kg	0.0001 %		
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.62	mg/kg		0.62	mg/kg	0.000062 %		
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.6	mg/kg		0.6	mg/kg	0.00006 %		
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.21 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.003%)

Classification of sample: TP03

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

Sample details

Sample name:
TP03
Sample Depth:
0.50 m
Moisture content:
7.8%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 7.8% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		18 mg/kg	1.197	21.548 mg/kg	0.00215 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		38 mg/kg	1.32	50.172 mg/kg	0.00502 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	1.6 mg/kg	3.22	5.152 mg/kg	0.000515 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.21 mg/kg	1.142	0.24 mg/kg	0.000024 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		42 mg/kg	1.462	61.385 mg/kg	0.00614 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		**<LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		460 mg/kg	1.126	517.909 mg/kg	0.0518 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	730 mg/kg		730 mg/kg	0.073 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		14 mg/kg	1.5	21.003 mg/kg	0.0021 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		88 mg/kg	2.976	261.911 mg/kg	0.0262 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.2 mg/kg	2.554	3.065 mg/kg	0.000306 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		200 mg/kg	1.245	248.943 mg/kg	0.0249 %		
14	TPH (C6 to C40) petroleum group			TPH		21 mg/kg		21 mg/kg	0.0021 %		

#	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
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
19	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
21	naphthalene	601-052-00-2	202-049-5	91-20-3		0.56 mg/kg		0.56 mg/kg	0.000056 %		
22	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	acenaphthene		201-469-6	83-32-9		0.91 mg/kg		0.91 mg/kg	0.000091 %		
24	fluorene		201-695-5	86-73-7		0.59 mg/kg		0.59 mg/kg	0.000059 %		
25	phenanthrene		201-581-5	85-01-8		5.5 mg/kg		5.5 mg/kg	0.00055 %		
26	anthracene		204-371-1	120-12-7		0.54 mg/kg		0.54 mg/kg	0.000054 %		
27	fluoranthene		205-912-4	206-44-0		4.4 mg/kg		4.4 mg/kg	0.00044 %		
28	pyrene		204-927-3	129-00-0		3.5 mg/kg		3.5 mg/kg	0.00035 %		
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		1.7 mg/kg		1.7 mg/kg	0.00017 %		
30	chrysene	601-048-00-0	205-923-4	218-01-9		1.4 mg/kg		1.4 mg/kg	0.00014 %		
31	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		2.3 mg/kg		2.3 mg/kg	0.00023 %		
32	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.53 mg/kg		0.53 mg/kg	0.000053 %		
33	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		1.6 mg/kg		1.6 mg/kg	0.00016 %		
34	indeno[123-cd]pyrene		205-893-2	193-39-5		0.82 mg/kg		0.82 mg/kg	0.000082 %		
35	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
36	benzo[ghi]perylene		205-883-8	191-24-2		0.79 mg/kg		0.79 mg/kg	0.000079 %		
37	phenol	604-001-00-2	203-632-7	108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
38	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
								Total:	0.197 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0021%)

Classification of sample: TP04

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

Sample details

Sample name:
TP04
Sample Depth:
0.70 m
Moisture content:
13%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.2 mg/kg	1.197	2.634 mg/kg	0.000263 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	1.2 mg/kg	3.22	3.864 mg/kg	0.000386 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.2 mg/kg	1.142	1.371 mg/kg	0.000137 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		75 mg/kg	1.126	84.442 mg/kg	0.00844 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	290 mg/kg		290 mg/kg	0.029 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1 mg/kg	1.353	1.353 mg/kg	0.000135 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.9 mg/kg	1.5	4.351 mg/kg	0.000435 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		34 mg/kg	2.976	101.193 mg/kg	0.0101 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.75 mg/kg	2.554	1.915 mg/kg	0.000192 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		130 mg/kg	1.245	161.813 mg/kg	0.0162 %		
14	TPH (C6 to C40) petroleum group			TPH		43 mg/kg		43 mg/kg	0.0043 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
21		naphthalene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
			201-469-6	83-32-9									
24		fluorene				0.87	mg/kg		0.87	mg/kg	0.000087 %		
			201-695-5	86-73-7									
25		phenanthrene				9.4	mg/kg		9.4	mg/kg	0.00094 %		
			201-581-5	85-01-8									
26		anthracene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
			204-371-1	120-12-7									
27		fluoranthene				8.9	mg/kg		8.9	mg/kg	0.00089 %		
			205-912-4	206-44-0									
28		pyrene				7.2	mg/kg		7.2	mg/kg	0.00072 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				3.3	mg/kg		3.3	mg/kg	0.00033 %		
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				3.3	mg/kg		3.3	mg/kg	0.00033 %		
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				3.7	mg/kg		3.7	mg/kg	0.00037 %		
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.92	mg/kg		0.92	mg/kg	0.000092 %		
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				2.7	mg/kg		2.7	mg/kg	0.00027 %		
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				1.6	mg/kg		1.6	mg/kg	0.00016 %		
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				0.29	mg/kg		0.29	mg/kg	0.000029 %		
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				1.7	mg/kg		1.7	mg/kg	0.00017 %		
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0793 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0043%)

Classification of sample: TP05

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

Sample details

Sample name:
TP05
Sample Depth:
0.40 m
Moisture content:
8.4%
(no 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 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.1%)

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.: 0.1%)

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.: 0.1%)

Determinands

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

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		antimony { antimony trioxide }				16	mg/kg	1.197	19.154	mg/kg	0.00192 %		
		051-005-00-X	215-175-0	1309-64-4									
2		arsenic { arsenic trioxide }				40	mg/kg	1.32	52.813	mg/kg	0.00528 %		
		033-003-00-0	215-481-4	1327-53-3									
3		boron { diboron trioxide }			11	1.7	mg/kg	3.22	5.474	mg/kg	0.000547 %		
		005-008-00-8	215-125-8	1303-86-2									
4		cadmium { cadmium oxide }				0.29	mg/kg	1.142	0.331	mg/kg	0.0000331 %		
		048-002-00-0	215-146-2	1306-19-0									

#	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
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		37 mg/kg	1.462	54.078 mg/kg	0.00541 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		540 mg/kg	1.126	607.98 mg/kg	0.0608 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	630 mg/kg		630 mg/kg	0.063 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.3 mg/kg	1.353	1.76 mg/kg	0.000176 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		14 mg/kg	1.5	21.003 mg/kg	0.0021 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		110 mg/kg	2.976	327.389 mg/kg	0.0327 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.6 mg/kg	2.554	4.086 mg/kg	0.000409 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		250 mg/kg	1.245	311.178 mg/kg	0.0311 %		
14	TPH (C6 to C40) petroleum group			TPH		1000 mg/kg		1000 mg/kg	0.1 %		
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
19	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
21	naphthalene	601-052-00-2	202-049-5	91-20-3		0.48 mg/kg		0.48 mg/kg	0.000048 %		
22	acenaphthylene		205-917-1	208-96-8		0.19 mg/kg		0.19 mg/kg	0.000019 %		
23	acenaphthene		201-469-6	83-32-9		1 mg/kg		1 mg/kg	0.0001 %		
24	fluorene		201-695-5	86-73-7		0.98 mg/kg		0.98 mg/kg	0.000098 %		
25	phenanthrene		201-581-5	85-01-8		7.9 mg/kg		7.9 mg/kg	0.00079 %		
26	anthracene		204-371-1	120-12-7		1.2 mg/kg		1.2 mg/kg	0.00012 %		
27	fluoranthene		205-912-4	206-44-0		14 mg/kg		14 mg/kg	0.0014 %		
28	pyrene		204-927-3	129-00-0		11 mg/kg		11 mg/kg	0.0011 %		
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		7.2 mg/kg		7.2 mg/kg	0.00072 %		

#		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									
30		chrysene				5.4	mg/kg		5.4	mg/kg	0.00054 %		
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				11	mg/kg		11	mg/kg	0.0011 %		
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				3.2	mg/kg		3.2	mg/kg	0.00032 %		
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				8.4	mg/kg		8.4	mg/kg	0.00084 %		
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				5	mg/kg		5	mg/kg	0.0005 %		
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				0.94	mg/kg		0.94	mg/kg	0.000094 %		
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				4.9	mg/kg		4.9	mg/kg	0.00049 %		
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		**<LOD**
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		**<LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.312 %		

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: TP05[2]

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

Sample details

Sample name:
TP05[2]
Sample Depth:
1.60 m
Moisture content:
15%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 15% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.1	mg/kg	1.197	2.514	mg/kg	0.000251 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17	mg/kg	1.32	22.446	mg/kg	0.00224 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	1	mg/kg	3.22	3.22	mg/kg	0.000322 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.8	mg/kg	1.142	3.199	mg/kg	0.00032 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25	mg/kg	1.462	36.539	mg/kg	0.00365 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		44	mg/kg	1.126	49.539	mg/kg	0.00495 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	52	mg/kg		52	mg/kg	0.0052 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.14	mg/kg	1.353	0.189	mg/kg	0.0000189 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.4	mg/kg	1.5	6.601	mg/kg	0.00066 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		54	mg/kg	2.976	160.718	mg/kg	0.0161 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.1	mg/kg	2.554	2.809	mg/kg	0.000281 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		160	mg/kg	1.245	199.154	mg/kg	0.0199 %		
14	TPH (C6 to C40) petroleum group			TPH		31	mg/kg		31	mg/kg	0.0031 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0									
28		pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0574 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0031%)

Classification of sample: TP06

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

Sample details

Sample name:
TP06
Sample Depth:
1.80 m
Moisture content:
2.3%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 2.3% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		8.7 mg/kg	1.197	10.415 mg/kg	0.00104 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		54 mg/kg	1.32	71.298 mg/kg	0.00713 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		**<LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.99 mg/kg	1.142	1.131 mg/kg	0.000113 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.4 mg/kg	1.462	13.739 mg/kg	0.00137 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		**<LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		110 mg/kg	1.126	123.848 mg/kg	0.0124 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	220 mg/kg		220 mg/kg	0.022 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.12 mg/kg	1.353	0.162 mg/kg	0.0000162 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		1.1 mg/kg	1.5	1.65 mg/kg	0.000165 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		21 mg/kg	2.976	62.502 mg/kg	0.00625 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.1 mg/kg	2.554	2.809 mg/kg	0.000281 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		190 mg/kg	1.245	236.496 mg/kg	0.0236 %		
14	TPH (C6 to C40) petroleum group			TPH		13 mg/kg		13 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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0									
28		pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0762 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0013%)

Classification of sample: TP07

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

Sample details

Sample name:
TP07
Sample Depth:
0.60 m
Moisture content:
12%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.4 mg/kg	1.197	2.873 mg/kg	0.000287 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		12 mg/kg	1.32	15.844 mg/kg	0.00158 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	0.83 mg/kg	3.22	2.672 mg/kg	0.000267 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.55 mg/kg	1.142	0.628 mg/kg	0.0000628 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		5.3 mg/kg	1.462	7.746 mg/kg	0.000775 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		38 mg/kg	1.126	42.784 mg/kg	0.00428 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	110 mg/kg		110 mg/kg	0.011 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.35 mg/kg	1.353	0.474 mg/kg	0.0000474 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		1 mg/kg	1.5	1.5 mg/kg	0.00015 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		11 mg/kg	2.976	32.739 mg/kg	0.00327 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.7 mg/kg	2.554	1.788 mg/kg	0.000179 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		61 mg/kg	1.245	75.928 mg/kg	0.00759 %		
14	TPH (C6 to C40) petroleum group			TPH		21 mg/kg		21 mg/kg	0.0021 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
			201-581-5	85-01-8									
26		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				0.19	mg/kg		0.19	mg/kg	0.000019 %		
			205-912-4	206-44-0									
28		pyrene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.032 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0021%)

Classification of sample: TP08

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

Sample details

Sample name:
TP08
Sample Depth:
1.40 m
Moisture content:
8.1%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 8.1% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.4 mg/kg	1.197	2.873 mg/kg	0.000287 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		**<LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.8 mg/kg	1.142	3.199 mg/kg	0.00032 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		**<LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		41 mg/kg	1.126	46.161 mg/kg	0.00462 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	34 mg/kg		34 mg/kg	0.0034 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.4 mg/kg	1.5	8.101 mg/kg	0.00081 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		59 mg/kg	2.976	175.6 mg/kg	0.0176 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.9 mg/kg	2.554	4.852 mg/kg	0.000485 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		130 mg/kg	1.245	161.813 mg/kg	0.0162 %		
14	TPH (C6 to C40) petroleum group			TPH		17 mg/kg		17 mg/kg	0.0017 %		

#	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
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
19	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
21	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
22	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
23	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
24	fluorene		201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
25	phenanthrene		201-581-5	85-01-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
26	anthracene		204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
27	fluoranthene		205-912-4	206-44-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
28	pyrene		204-927-3	129-00-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
30	chrysene	601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
31	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
32	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
33	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
34	indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
35	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
36	benzo[ghi]perylene		205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
37	phenol	604-001-00-2	203-632-7	108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
38	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
								Total:	0.0509 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0017%)

Classification of sample: TP10

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

Sample details

Sample name:
TP10
Sample Depth:
1.60 m
Moisture content:
14%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.9 mg/kg	1.197	4.669 mg/kg	0.000467 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	0.64 mg/kg	3.22	2.061 mg/kg	0.000206 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	2.056 mg/kg	0.000206 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		100 mg/kg	1.126	112.589 mg/kg	0.0113 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	130 mg/kg		130 mg/kg	0.013 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.23 mg/kg	1.353	0.311 mg/kg	0.0000311 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5 mg/kg	1.5	7.501 mg/kg	0.00075 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		53 mg/kg	2.976	157.742 mg/kg	0.0158 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.1 mg/kg	2.554	2.809 mg/kg	0.000281 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		140 mg/kg	1.245	174.26 mg/kg	0.0174 %		
14	TPH (C6 to C40) petroleum group			TPH		25 mg/kg		25 mg/kg	0.0025 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0									
28		pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0674 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0025%)

Classification of sample: TP11

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

Sample details

Sample name:
TP11
Sample Depth:
1.30 m
Moisture content:
11%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.4 mg/kg	1.197	2.873 mg/kg	0.000287 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	2.2 mg/kg	3.22	7.084 mg/kg	0.000708 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.1 mg/kg	1.142	1.257 mg/kg	0.000126 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		**<LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		66 mg/kg	1.126	74.309 mg/kg	0.00743 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	260 mg/kg		260 mg/kg	0.026 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.47 mg/kg	1.353	0.636 mg/kg	0.0000636 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.6 mg/kg	1.5	5.401 mg/kg	0.00054 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		31 mg/kg	2.976	92.264 mg/kg	0.00923 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.8 mg/kg	2.554	4.597 mg/kg	0.00046 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		110 mg/kg	1.245	136.919 mg/kg	0.0137 %		
14	TPH (C6 to C40) petroleum group			TPH		41 mg/kg		41 mg/kg	0.0041 %		

#	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
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
19	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
21	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	fluorene		201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	phenanthrene		201-581-5	85-01-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
26	anthracene		204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	fluoranthene		205-912-4	206-44-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	pyrene		204-927-3	129-00-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	chrysene	601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
31	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
32	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
36	benzo[ghi]perylene		205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
37	phenol	604-001-00-2	203-632-7	108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
38	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
								Total:	0.0667 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0041%)

Classification of sample: WS1

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

Sample details

Sample name:
WS1
Sample Depth:
1.00-2.00 m
Moisture content:
17%
(no 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 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.53%)

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.: 0.53%)

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.: 0.53%)

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.3 mg/kg	1.197	2.753 mg/kg	0.000275 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	3.4 mg/kg	3.22	10.948 mg/kg	0.00109 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.2 mg/kg	1.142	2.513 mg/kg	0.000251 %		

#	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
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	35.077 mg/kg	0.00351 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		77 mg/kg	1.126	86.693 mg/kg	0.00867 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	95 mg/kg		95 mg/kg	0.0095 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.25 mg/kg	1.353	0.338 mg/kg	0.0000338 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.4 mg/kg	1.5	8.101 mg/kg	0.00081 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		60 mg/kg	2.976	178.576 mg/kg	0.0179 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.3 mg/kg	2.554	3.32 mg/kg	0.000332 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		150 mg/kg	1.245	186.707 mg/kg	0.0187 %		
14	TPH (C6 to C40) petroleum group			TPH		5300 mg/kg		5300 mg/kg	0.53 %		
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
19	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
21	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	fluorene		201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	phenanthrene		201-581-5	85-01-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
26	anthracene		204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	fluoranthene		205-912-4	206-44-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	pyrene		204-927-3	129-00-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<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									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.594 %		

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: WS1[2]

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

Sample details

Sample name:
WS1[2]
Sample Depth:
2.00-3.50 m
Moisture content:
11%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		13 mg/kg	1.32	17.164 mg/kg	0.00172 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		<**LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	2.056 mg/kg	0.000206 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		42 mg/kg	1.126	47.287 mg/kg	0.00473 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	49 mg/kg		49 mg/kg	0.0049 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.1 mg/kg	1.353	0.135 mg/kg	0.0000135 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.6 mg/kg	1.5	6.901 mg/kg	0.00069 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		54 mg/kg	2.976	160.718 mg/kg	0.0161 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.7 mg/kg	2.554	4.342 mg/kg	0.000434 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		94 mg/kg	1.245	117.003 mg/kg	0.0117 %		
14	TPH (C6 to C40) petroleum group			TPH		700 mg/kg		700 mg/kg	0.07 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				0.98	mg/kg		0.98	mg/kg	0.000098 %		
			201-581-5	85-01-8									
26		anthracene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
			204-371-1	120-12-7									
27		fluoranthene				0.33	mg/kg		0.33	mg/kg	0.000033 %		
			205-912-4	206-44-0									
28		pyrene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.114 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.07%)

Classification of sample: WS2

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

Sample details

Sample name:
WS2
Sample Depth:
0.00-1.00 m
Moisture content:
11%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		13 mg/kg	1.32	17.164 mg/kg	0.00172 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	1.8 mg/kg	3.22	5.796 mg/kg	0.00058 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.9 mg/kg	1.142	3.313 mg/kg	0.000331 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		45 mg/kg	1.126	50.665 mg/kg	0.00507 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	58 mg/kg		58 mg/kg	0.0058 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.2 mg/kg	1.353	0.271 mg/kg	0.0000271 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.9 mg/kg	1.5	7.351 mg/kg	0.000735 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		57 mg/kg	2.976	169.647 mg/kg	0.017 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2 mg/kg	2.554	5.108 mg/kg	0.000511 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		120 mg/kg	1.245	149.366 mg/kg	0.0149 %		
14	TPH (C6 to C40) petroleum group			TPH		920 mg/kg		920 mg/kg	0.092 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				0.33	mg/kg		0.33	mg/kg	0.000033 %		
			201-581-5	85-01-8									
26		anthracene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
			204-371-1	120-12-7									
27		fluoranthene				0.5	mg/kg		0.5	mg/kg	0.00005 %		
			205-912-4	206-44-0									
28		pyrene				0.46	mg/kg		0.46	mg/kg	0.000046 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.29	mg/kg		0.29	mg/kg	0.000029 %		
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.31	mg/kg		0.31	mg/kg	0.000031 %		
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				0.41	mg/kg		0.41	mg/kg	0.000041 %		
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.19	mg/kg		0.19	mg/kg	0.000019 %		
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				0.36	mg/kg		0.36	mg/kg	0.000036 %		
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.69	mg/kg		0.69	mg/kg	0.000069 %		
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				0.88	mg/kg		0.88	mg/kg	0.000088 %		
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.49	mg/kg		0.49	mg/kg	0.000049 %		
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.142 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.092%)

Classification of sample: WS2[2]

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

Sample details

Sample name:
WS2[2]
Sample Depth:
2.00-3.00 m
Moisture content:
11%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		7.9 mg/kg	1.32	10.431 mg/kg	0.00104 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		<**LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.8 mg/kg	1.142	2.056 mg/kg	0.000206 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.9 mg/kg	1.462	14.469 mg/kg	0.00145 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		22 mg/kg	1.126	24.77 mg/kg	0.00248 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	19 mg/kg		19 mg/kg	0.0019 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.8 mg/kg	1.5	4.201 mg/kg	0.00042 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		35 mg/kg	2.976	104.169 mg/kg	0.0104 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.96 mg/kg	2.554	2.452 mg/kg	0.000245 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		66 mg/kg	1.245	82.151 mg/kg	0.00822 %		
14	TPH (C6 to C40) petroleum group			TPH		240 mg/kg		240 mg/kg	0.024 %		

#	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
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
19	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
21	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
22	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
23	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
24	fluorene		201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
25	phenanthrene		201-581-5	85-01-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
26	anthracene		204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
27	fluoranthene		205-912-4	206-44-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
28	pyrene		204-927-3	129-00-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
30	chrysene	601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
31	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
32	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
33	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
34	indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
35	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
36	benzo[ghi]perylene		205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
37	phenol	604-001-00-2	203-632-7	108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
38	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
								Total:	0.0511 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.024%)

Classification of sample: WS3

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

Sample details

Sample name:
WS3
Sample Depth:
0.00-2.00 m
Moisture content:
20%
(no 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 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.18%)

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.: 0.18%)

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.: 0.18%)

Determinands

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

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		antimony { antimony trioxide }				2	mg/kg	1.197	2.394	mg/kg	0.000239 %		
		051-005-00-X	215-175-0	1309-64-4									
2		arsenic { arsenic trioxide }				18	mg/kg	1.32	23.766	mg/kg	0.00238 %		
		033-003-00-0	215-481-4	1327-53-3									
3		boron { diboron trioxide }			11	1.3	mg/kg	3.22	4.186	mg/kg	0.000419 %		
		005-008-00-8	215-125-8	1303-86-2									
4		cadmium { cadmium oxide }				3.7	mg/kg	1.142	4.227	mg/kg	0.000423 %		
		048-002-00-0	215-146-2	1306-19-0									

#	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
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		27 mg/kg	1.462	39.462 mg/kg	0.00395 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		45 mg/kg	1.126	50.665 mg/kg	0.00507 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	50 mg/kg		50 mg/kg	0.005 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.16 mg/kg	1.353	0.217 mg/kg	0.0000217 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		6.5 mg/kg	1.5	9.751 mg/kg	0.000975 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		74 mg/kg	2.976	220.244 mg/kg	0.022 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.3 mg/kg	2.554	3.32 mg/kg	0.000332 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		140 mg/kg	1.245	174.26 mg/kg	0.0174 %		
14	TPH (C6 to C40) petroleum group			TPH		1800 mg/kg		1800 mg/kg	0.18 %		
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
19	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
21	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	fluorene		201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	phenanthrene		201-581-5	85-01-8		2.4 mg/kg		2.4 mg/kg	0.00024 %		
26	anthracene		204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	fluoranthene		205-912-4	206-44-0		0.43 mg/kg		0.43 mg/kg	0.000043 %		
28	pyrene		204-927-3	129-00-0		0.48 mg/kg		0.48 mg/kg	0.000048 %		
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<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									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.239 %		

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: WS4

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

Sample details

Sample name:
WS4
Sample Depth:
0.00-1.00 m
Moisture content:
7.8%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 7.8% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		12 mg/kg	1.197	14.365 mg/kg	0.00144 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		58 mg/kg	1.32	76.579 mg/kg	0.00766 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		**<LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.79 mg/kg	1.142	0.902 mg/kg	0.0000902 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		8.7 mg/kg	1.462	12.716 mg/kg	0.00127 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		**<LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		100 mg/kg	1.126	112.589 mg/kg	0.0113 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	390 mg/kg		390 mg/kg	0.039 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.18 mg/kg	1.353	0.244 mg/kg	0.0000244 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		1.3 mg/kg	1.5	1.95 mg/kg	0.000195 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		30 mg/kg	2.976	89.288 mg/kg	0.00893 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.85 mg/kg	2.554	2.171 mg/kg	0.000217 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		260 mg/kg	1.245	323.626 mg/kg	0.0324 %		
14	TPH (C6 to C40) petroleum group			TPH		11 mg/kg		11 mg/kg	0.0011 %		

#		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
15		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
19		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]		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		0.21	mg/kg		0.21	mg/kg	0.000021 %		
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27		fluoranthene		205-912-4	206-44-0		0.26	mg/kg		0.26	mg/kg	0.000026 %		
28		pyrene		204-927-3	129-00-0		0.22	mg/kg		0.22	mg/kg	0.000022 %		
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
38		polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
											Total:	0.104 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0011%)

Classification of sample: WS4[2]

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

Sample details

Sample name:
WS4[2]
Sample Depth:
1.00-2.90 m
Moisture content:
21%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.7	mg/kg	1.197	3.232	mg/kg	0.000323 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19	mg/kg	1.32	25.086	mg/kg	0.00251 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	1.6	mg/kg	3.22	5.152	mg/kg	0.000515 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.3	mg/kg	1.142	2.627	mg/kg	0.000263 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23	mg/kg	1.462	33.616	mg/kg	0.00336 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		53	mg/kg	1.126	59.672	mg/kg	0.00597 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	93	mg/kg		93	mg/kg	0.0093 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.27	mg/kg	1.353	0.365	mg/kg	0.0000365 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		7	mg/kg	1.5	10.501	mg/kg	0.00105 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		57	mg/kg	2.976	169.647	mg/kg	0.017 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.3	mg/kg	2.554	3.32	mg/kg	0.000332 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		150	mg/kg	1.245	186.707	mg/kg	0.0187 %		
14	TPH (C6 to C40) petroleum group			TPH		990	mg/kg		990	mg/kg	0.099 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
			201-469-6	83-32-9									
24		fluorene				1.5	mg/kg		1.5	mg/kg	0.00015 %		
			201-695-5	86-73-7									
25		phenanthrene				2.6	mg/kg		2.6	mg/kg	0.00026 %		
			201-581-5	85-01-8									
26		anthracene				0.65	mg/kg		0.65	mg/kg	0.000065 %		
			204-371-1	120-12-7									
27		fluoranthene				1.4	mg/kg		1.4	mg/kg	0.00014 %		
			205-912-4	206-44-0									
28		pyrene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.159 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.099%)

Classification of sample: WS5

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

Sample details

Sample name:
WS5
Sample Depth:
0.00-2.00 m
Moisture content:
22%
(no 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 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.26%)

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.: 0.26%)

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.: 0.26%)

Determinands

Moisture content: 22% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		antimony { antimony trioxide }				6.9	mg/kg	1.197	8.26	mg/kg	0.000826 %		
		051-005-00-X	215-175-0	1309-64-4									
2		arsenic { arsenic trioxide }				24	mg/kg	1.32	31.688	mg/kg	0.00317 %		
		033-003-00-0	215-481-4	1327-53-3									
3		boron { diboron trioxide }			11	<0.4	mg/kg	3.22	<1.288	mg/kg	<0.000129 %		**<LOD**
		005-008-00-8	215-125-8	1303-86-2									
4		cadmium { cadmium oxide }				6.8	mg/kg	1.142	7.768	mg/kg	0.000777 %		
		048-002-00-0	215-146-2	1306-19-0									

#	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
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	30.693 mg/kg	0.00307 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		67 mg/kg	1.126	75.435 mg/kg	0.00754 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	160 mg/kg		160 mg/kg	0.016 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.72 mg/kg	1.353	0.975 mg/kg	0.0000975 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		9.9 mg/kg	1.5	14.852 mg/kg	0.00149 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		52 mg/kg	2.976	154.766 mg/kg	0.0155 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		6.5 mg/kg	2.554	16.6 mg/kg	0.00166 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		220 mg/kg	1.245	273.837 mg/kg	0.0274 %		
14	TPH (C6 to C40) petroleum group			TPH		2600 mg/kg		2600 mg/kg	0.26 %		
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
19	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
21	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	fluorene		201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	phenanthrene		201-581-5	85-01-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
26	anthracene		204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	fluoranthene		205-912-4	206-44-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	pyrene		204-927-3	129-00-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<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									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.338 %		

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: WS5[2]

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

Sample details

Sample name:
WS5[2]
Sample Depth:
2.50-3.50 m
Moisture content:
9.8%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 9.8% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.5 mg/kg	1.197	2.993 mg/kg	0.000299 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		<**LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		3.5 mg/kg	1.142	3.998 mg/kg	0.0004 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		40 mg/kg	1.126	45.036 mg/kg	0.0045 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	45 mg/kg		45 mg/kg	0.0045 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.17 mg/kg	1.353	0.23 mg/kg	0.000023 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		6.5 mg/kg	1.5	9.751 mg/kg	0.000975 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		52 mg/kg	2.976	154.766 mg/kg	0.0155 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3.2 mg/kg	2.554	8.172 mg/kg	0.000817 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		140 mg/kg	1.245	174.26 mg/kg	0.0174 %		
14	TPH (C6 to C40) petroleum group			TPH		140 mg/kg		140 mg/kg	0.014 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				1.5	mg/kg		1.5	mg/kg	0.00015 %		
			201-469-6	83-32-9									
24		fluorene				2	mg/kg		2	mg/kg	0.0002 %		
			201-695-5	86-73-7									
25		phenanthrene				3.6	mg/kg		3.6	mg/kg	0.00036 %		
			201-581-5	85-01-8									
26		anthracene				1.5	mg/kg		1.5	mg/kg	0.00015 %		
			204-371-1	120-12-7									
27		fluoranthene				2.1	mg/kg		2.1	mg/kg	0.00021 %		
			205-912-4	206-44-0									
28		pyrene				1.4	mg/kg		1.4	mg/kg	0.00014 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0648 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.014%)

Classification of sample: WS6

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

Sample details

Sample name:
WS6
Sample Depth:
0.00-2.00 m
Moisture content:
24%
(no 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 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

diesel petroleum group: (conc.: 0.51%)

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.1 mg/kg	1.197	2.514 mg/kg	0.000251 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	22.446 mg/kg	0.00224 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		<**LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5 mg/kg	1.142	1.713 mg/kg	0.000171 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		100 mg/kg	1.126	112.589 mg/kg	0.0113 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	190 mg/kg		190 mg/kg	0.019 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.58 mg/kg	1.353	0.785 mg/kg	0.0000785 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.3 mg/kg	1.5	4.951 mg/kg	0.000495 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		47 mg/kg	2.976	139.884 mg/kg	0.014 %		

#	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
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.4 mg/kg	2.554	3.575 mg/kg	0.000358 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		140 mg/kg	1.245	174.26 mg/kg	0.0174 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
19	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
20	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	fluorene		201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	phenanthrene		201-581-5	85-01-8		0.62 mg/kg		0.62 mg/kg	0.000062 %		
25	anthracene		204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
26	fluoranthene		205-912-4	206-44-0		0.19 mg/kg		0.19 mg/kg	0.000019 %		
27	pyrene		204-927-3	129-00-0		0.19 mg/kg		0.19 mg/kg	0.000019 %		
28	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
29	chrysene	601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
31	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
32	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	benzo[ghi]perylene		205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
36	phenol	604-001-00-2	203-632-7	108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
37	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<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							
38		diesel petroleum group		68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9		5100 mg/kg		5100 mg/kg	0.51 %		
								Total:	0.578 %		

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: WS6[2]

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

Sample details

Sample name:
WS6[2]
Sample Depth:
2.00-4.00 m
Moisture content:
14%
(no 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 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

diesel petroleum group: (conc.: 0.25%)

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.6 mg/kg	1.197	3.112 mg/kg	0.000311 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	26.407 mg/kg	0.00264 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		<**LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		3.1 mg/kg	1.142	3.541 mg/kg	0.000354 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		59 mg/kg	1.126	66.427 mg/kg	0.00664 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	57 mg/kg		57 mg/kg	0.0057 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.15 mg/kg	1.353	0.203 mg/kg	0.0000203 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.6 mg/kg	1.5	8.401 mg/kg	0.00084 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		80 mg/kg	2.976	238.101 mg/kg	0.0238 %		

#	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
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		3.6 mg/kg	2.554	9.194 mg/kg	0.000919 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		150 mg/kg	1.245	186.707 mg/kg	0.0187 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
19	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
20	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	acenaphthene		201-469-6	83-32-9		0.31 mg/kg		0.31 mg/kg	0.000031 %		
23	fluorene		201-695-5	86-73-7		0.3 mg/kg		0.3 mg/kg	0.00003 %		
24	phenanthrene		201-581-5	85-01-8		0.64 mg/kg		0.64 mg/kg	0.000064 %		
25	anthracene		204-371-1	120-12-7		0.89 mg/kg		0.89 mg/kg	0.000089 %		
26	fluoranthene		205-912-4	206-44-0		0.37 mg/kg		0.37 mg/kg	0.000037 %		
27	pyrene		204-927-3	129-00-0		0.26 mg/kg		0.26 mg/kg	0.000026 %		
28	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
29	chrysene	601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
31	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
32	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	benzo[ghi]perylene		205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
36	phenol	604-001-00-2	203-632-7	108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
37	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<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							
38		diesel petroleum group		68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9		2500 mg/kg		2500 mg/kg	0.25 %		
								Total:	0.314 %		

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: WS3[2]

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

Sample details

Sample name:
WS3[2]
Sample Depth:
2.00-3.00 m
Moisture content:
14%
(no 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 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.5%)

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.: 0.5%)

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.: 0.5%)

Determinands

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

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		antimony { antimony trioxide }				<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		**<LOD**
		051-005-00-X	215-175-0	1309-64-4									
2		arsenic { arsenic trioxide }				12	mg/kg	1.32	15.844	mg/kg	0.00158 %		
		033-003-00-0	215-481-4	1327-53-3									
3		boron { diboron trioxide }			11	<0.4	mg/kg	3.22	<1.288	mg/kg	<0.000129 %		**<LOD**
		005-008-00-8	215-125-8	1303-86-2									
4		cadmium { cadmium oxide }				2.2	mg/kg	1.142	2.513	mg/kg	0.000251 %		
		048-002-00-0	215-146-2	1306-19-0									

#	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
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16	mg/kg	1.462	23.385	mg/kg	0.00234 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		40	mg/kg	1.126	45.036	mg/kg	0.0045 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	140	mg/kg		140	mg/kg	0.014 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.15	mg/kg	1.353	0.203	mg/kg	0.0000203 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3	mg/kg	1.5	4.501	mg/kg	0.00045 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		52	mg/kg	2.976	154.766	mg/kg	0.0155 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.1	mg/kg	2.554	2.809	mg/kg	0.000281 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		110	mg/kg	1.245	136.919	mg/kg	0.0137 %		
14	TPH (C6 to C40) petroleum group			TPH		5000	mg/kg		5000	mg/kg	0.5 %		
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
19	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]		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
21	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22	acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23	acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24	fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25	phenanthrene		201-581-5	85-01-8		3.1	mg/kg		3.1	mg/kg	0.00031 %		
26	anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27	fluoranthene		205-912-4	206-44-0		0.95	mg/kg		0.95	mg/kg	0.000095 %		
28	pyrene		204-927-3	129-00-0		0.8	mg/kg		0.8	mg/kg	0.00008 %		
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<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									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.554 %		

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: WS7

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

Sample details

Sample name:
WS7
Sample Depth:
0.00-1.00 m
Moisture content:
20%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.4 mg/kg	1.197	4.07 mg/kg	0.000407 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22 mg/kg	1.32	29.047 mg/kg	0.0029 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		<**LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		130 mg/kg	1.126	146.365 mg/kg	0.0146 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	490 mg/kg		490 mg/kg	0.049 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.3 mg/kg	1.353	1.76 mg/kg	0.000176 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		8.3 mg/kg	1.5	12.452 mg/kg	0.00125 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		54 mg/kg	2.976	160.718 mg/kg	0.0161 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.5 mg/kg	2.554	3.831 mg/kg	0.000383 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		220 mg/kg	1.245	273.837 mg/kg	0.0274 %		
14	TPH (C6 to C40) petroleum group			TPH		250 mg/kg		250 mg/kg	0.025 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
21		naphthalene				0.31	mg/kg		0.31	mg/kg	0.000031 %		
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				1.6	mg/kg		1.6	mg/kg	0.00016 %		
			201-581-5	85-01-8									
26		anthracene				0.37	mg/kg		0.37	mg/kg	0.000037 %		
			204-371-1	120-12-7									
27		fluoranthene				1.6	mg/kg		1.6	mg/kg	0.00016 %		
			205-912-4	206-44-0									
28		pyrene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.55	mg/kg		0.55	mg/kg	0.000055 %		
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.61	mg/kg		0.61	mg/kg	0.000061 %		
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				0.72	mg/kg		0.72	mg/kg	0.000072 %		
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.24	mg/kg		0.24	mg/kg	0.000024 %		
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				0.55	mg/kg		0.55	mg/kg	0.000055 %		
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.32	mg/kg		0.32	mg/kg	0.000032 %		
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.42	mg/kg		0.42	mg/kg	0.000042 %		
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.142 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.025%)

Classification of sample: WS7[2]

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

Sample details

Sample name:
WS7[2]
Sample Depth:
2.00-4.00 m
Moisture content:
21%
(no 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 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.66%)

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.: 0.66%)

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.: 0.66%)

Determinands

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

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		**<LOD**
2		arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		14	mg/kg	1.32	18.485	mg/kg	0.00185 %		
3		boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4	mg/kg	3.22	<1.288	mg/kg	<0.000129 %		**<LOD**
4		cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.2	mg/kg	1.142	2.513	mg/kg	0.000251 %		

#	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
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22	mg/kg	1.462	32.154	mg/kg	0.00322 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		45	mg/kg	1.126	50.665	mg/kg	0.00507 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	77	mg/kg		77	mg/kg	0.0077 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.27	mg/kg	1.353	0.365	mg/kg	0.0000365 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.7	mg/kg	1.5	8.551	mg/kg	0.000855 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		51	mg/kg	2.976	151.79	mg/kg	0.0152 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.1	mg/kg	2.554	2.809	mg/kg	0.000281 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		130	mg/kg	1.245	161.813	mg/kg	0.0162 %		
14	TPH (C6 to C40) petroleum group			TPH		6600	mg/kg		6600	mg/kg	0.66 %		
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
19	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]		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
21	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22	acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23	acenaphthene		201-469-6	83-32-9		2.1	mg/kg		2.1	mg/kg	0.00021 %		
24	fluorene		201-695-5	86-73-7		4	mg/kg		4	mg/kg	0.0004 %		
25	phenanthrene		201-581-5	85-01-8		6.3	mg/kg		6.3	mg/kg	0.00063 %		
26	anthracene		204-371-1	120-12-7		0.96	mg/kg		0.96	mg/kg	0.000096 %		
27	fluoranthene		205-912-4	206-44-0		1.9	mg/kg		1.9	mg/kg	0.00019 %		
28	pyrene		204-927-3	129-00-0		1.5	mg/kg		1.5	mg/kg	0.00015 %		
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<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									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.713 %		

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: WS8

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

Sample details

Sample name:	LoW Code:
WS8	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
0.00-1.00 m	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
Moisture content:	
27% (no correction)	

Hazard properties

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

Force this Hazardous property to hazardous because Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

toluene: (conc.: 5.2e-07%)

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

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 5.1%)
xylene: (conc.: 6.7e-06%)

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.: 5.1%)

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. 2; H361d "Suspected of damaging the unborn child."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 5.1%)

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.: 5.1%)

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 2; H411 "Toxic to aquatic life with long lasting effects."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 5.1%)

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		6.7 mg/kg	1.197	8.021 mg/kg	0.000802 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		12 mg/kg	1.32	15.844 mg/kg	0.00158 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		**<LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		5.4 mg/kg	1.142	6.169 mg/kg	0.000617 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	35.077 mg/kg	0.00351 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		**<LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		170 mg/kg	1.126	191.401 mg/kg	0.0191 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	370 mg/kg		370 mg/kg	0.037 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.93 mg/kg	1.353	1.259 mg/kg	0.000126 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		46 mg/kg	1.5	69.009 mg/kg	0.0069 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		36 mg/kg	2.976	107.146 mg/kg	0.0107 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.68 mg/kg	2.554	1.737 mg/kg	0.000174 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		550 mg/kg	1.245	684.593 mg/kg	0.0685 %		
14	TPH (C6 to C40) petroleum group			TPH		51000 mg/kg		51000 mg/kg	5.1 %		
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
17	toluene	601-021-00-3	203-625-9	108-88-3		0.0052 mg/kg		0.0052 mg/kg	0.00000052 %		
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		**<LOD**
19	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]		0.067 mg/kg		0.067 mg/kg	0.0000067 %		
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.8 mg/kg	1.884	1.507 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									
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				9.5	mg/kg		9.5	mg/kg	0.00095 %		
			201-581-5	85-01-8									
26		anthracene				2.3	mg/kg		2.3	mg/kg	0.00023 %		
			204-371-1	120-12-7									
27		fluoranthene				7.2	mg/kg		7.2	mg/kg	0.00072 %		
			205-912-4	206-44-0									
28		pyrene				6.5	mg/kg		6.5	mg/kg	0.00065 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				0.34	mg/kg		0.34	mg/kg	0.000034 %		
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	5.252 %		

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: WS9

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

Sample details

Sample name:
WS9
Sample Depth:
0.00-1.50 m
Moisture content:
7.1%
(no 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 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

diesel petroleum group: (conc.: 0.22%)

Determinands

Moisture content: 7.1% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		14 mg/kg	1.32	18.485 mg/kg	0.00185 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		<**LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.2 mg/kg	1.142	1.371 mg/kg	0.000137 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		35 mg/kg	1.126	39.406 mg/kg	0.00394 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	30 mg/kg		30 mg/kg	0.003 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.7 mg/kg	1.5	5.551 mg/kg	0.000555 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		

#	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
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1 mg/kg	2.554	2.554 mg/kg	0.000255 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		93 mg/kg	1.245	115.758 mg/kg	0.0116 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
18	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
19	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
20	naphthalene	601-052-00-2	202-049-5	91-20-3		6.9 mg/kg		6.9 mg/kg	0.00069 %		
21	acenaphthylene		205-917-1	208-96-8		0.8 mg/kg		0.8 mg/kg	0.00008 %		
22	acenaphthene		201-469-6	83-32-9		45 mg/kg		45 mg/kg	0.0045 %		
23	fluorene		201-695-5	86-73-7		48 mg/kg		48 mg/kg	0.0048 %		
24	phenanthrene		201-581-5	85-01-8		150 mg/kg		150 mg/kg	0.015 %		
25	anthracene		204-371-1	120-12-7		19 mg/kg		19 mg/kg	0.0019 %		
26	fluoranthene		205-912-4	206-44-0		50 mg/kg		50 mg/kg	0.005 %		
27	pyrene		204-927-3	129-00-0		32 mg/kg		32 mg/kg	0.0032 %		
28	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		6.7 mg/kg		6.7 mg/kg	0.00067 %		
29	chrysene	601-048-00-0	205-923-4	218-01-9		5.5 mg/kg		5.5 mg/kg	0.00055 %		
30	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		3 mg/kg		3 mg/kg	0.0003 %		
31	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		1 mg/kg		1 mg/kg	0.0001 %		
32	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		2.5 mg/kg		2.5 mg/kg	0.00025 %		
33	indeno[123-cd]pyrene		205-893-2	193-39-5		0.89 mg/kg		0.89 mg/kg	0.000089 %		
34	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.19 mg/kg		0.19 mg/kg	0.000019 %		
35	benzo[ghi]perylene		205-883-8	191-24-2		0.8 mg/kg		0.8 mg/kg	0.00008 %		
36	phenol	604-001-00-2	203-632-7	108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
37	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**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							
38		diesel petroleum group		68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9		2200 mg/kg		2200 mg/kg	0.22 %		
								Total:	0.294 %		

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: WS9[2]

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

Sample details

Sample name:
WS9[2]
Sample Depth:
1.50-2.50 m
Moisture content:
17%
(no 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 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

ethylbenzene: (conc.: 4.6e-06%)

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

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 0.53%)
xylene: (conc.: 3.5e-06%)

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.: 0.53%)

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.: 0.53%)

Determinands

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

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1		antimony { antimony trioxide }				<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
		051-005-00-X	215-175-0	1309-64-4							

#	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
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		9.6	mg/kg	1.32	12.675	mg/kg	0.00127 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4	mg/kg	3.22	<1.288	mg/kg	<0.000129 %		<**LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5	mg/kg	1.142	1.713	mg/kg	0.000171 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14	mg/kg	1.462	20.462	mg/kg	0.00205 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		27	mg/kg	1.126	30.399	mg/kg	0.00304 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	44	mg/kg		44	mg/kg	0.0044 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.09	mg/kg	1.353	0.122	mg/kg	0.0000122 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.8	mg/kg	1.5	4.201	mg/kg	0.00042 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		40	mg/kg	2.976	119.051	mg/kg	0.0119 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.52	mg/kg	2.554	1.328	mg/kg	0.000133 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		77	mg/kg	1.245	95.843	mg/kg	0.00958 %		
14	TPH (C6 to C40) petroleum group			TPH		5300	mg/kg		5300	mg/kg	0.53 %		
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		0.046	mg/kg		0.046	mg/kg	0.0000046 %		
19	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]		0.035	mg/kg		0.035	mg/kg	0.0000035 %		
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
21	naphthalene	601-052-00-2	202-049-5	91-20-3		0.6	mg/kg		0.6	mg/kg	0.00006 %		
22	acenaphthylene		205-917-1	208-96-8		5.9	mg/kg		5.9	mg/kg	0.00059 %		
23	acenaphthene		201-469-6	83-32-9		20	mg/kg		20	mg/kg	0.002 %		
24	fluorene		201-695-5	86-73-7		22	mg/kg		22	mg/kg	0.0022 %		
25	phenanthrene		201-581-5	85-01-8		48	mg/kg		48	mg/kg	0.0048 %		
26	anthracene		204-371-1	120-12-7		5.9	mg/kg		5.9	mg/kg	0.00059 %		

#		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									
27		fluoranthene				15	mg/kg		15	mg/kg	0.0015 %		
			205-912-4	206-44-0									
28		pyrene				9.8	mg/kg		9.8	mg/kg	0.00098 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				2	mg/kg		2	mg/kg	0.0002 %		
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				1.6	mg/kg		1.6	mg/kg	0.00016 %		
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				1	mg/kg		1	mg/kg	0.0001 %		
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				0.8	mg/kg		0.8	mg/kg	0.00008 %		
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				0.3	mg/kg		0.3	mg/kg	0.00003 %		
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.29	mg/kg		0.29	mg/kg	0.000029 %		
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.577 %		

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: WS9[3]

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

Sample details

Sample name:
WS9[3]
Sample Depth:
2.50-3.50 m
Moisture content:
6%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 6% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.9 mg/kg	1.197	3.472 mg/kg	0.000347 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		**<LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.3 mg/kg	1.142	1.485 mg/kg	0.000149 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		**<LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		120 mg/kg	1.126	135.107 mg/kg	0.0135 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	340 mg/kg		340 mg/kg	0.034 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.4 mg/kg	1.353	1.895 mg/kg	0.000189 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.2 mg/kg	1.5	7.801 mg/kg	0.00078 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		54 mg/kg	2.976	160.718 mg/kg	0.0161 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.6 mg/kg	2.554	4.086 mg/kg	0.000409 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		200 mg/kg	1.245	248.943 mg/kg	0.0249 %		
14	TPH (C6 to C40) petroleum group			TPH		300 mg/kg		300 mg/kg	0.03 %		

#	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
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		0.0072 mg/kg		0.0072 mg/kg	0.00000072 %		
19	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]		0.0228 mg/kg		0.0228 mg/kg	0.00000228 %		
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
21	naphthalene	601-052-00-2	202-049-5	91-20-3		14 mg/kg		14 mg/kg	0.0014 %		
22	acenaphthylene		205-917-1	208-96-8		0.76 mg/kg		0.76 mg/kg	0.000076 %		
23	acenaphthene		201-469-6	83-32-9		33 mg/kg		33 mg/kg	0.0033 %		
24	fluorene		201-695-5	86-73-7		26 mg/kg		26 mg/kg	0.0026 %		
25	phenanthrene		201-581-5	85-01-8		75 mg/kg		75 mg/kg	0.0075 %		
26	anthracene		204-371-1	120-12-7		9.9 mg/kg		9.9 mg/kg	0.00099 %		
27	fluoranthene		205-912-4	206-44-0		21 mg/kg		21 mg/kg	0.0021 %		
28	pyrene		204-927-3	129-00-0		14 mg/kg		14 mg/kg	0.0014 %		
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		2.7 mg/kg		2.7 mg/kg	0.00027 %		
30	chrysene	601-048-00-0	205-923-4	218-01-9		2.1 mg/kg		2.1 mg/kg	0.00021 %		
31	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.99 mg/kg		0.99 mg/kg	0.000099 %		
32	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.35 mg/kg		0.35 mg/kg	0.000035 %		
33	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.99 mg/kg		0.99 mg/kg	0.000099 %		
34	indeno[123-cd]pyrene		205-893-2	193-39-5		0.31 mg/kg		0.31 mg/kg	0.000031 %		
35	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
36	benzo[ghi]perylene		205-883-8	191-24-2		0.3 mg/kg		0.3 mg/kg	0.00003 %		
37	phenol	604-001-00-2	203-632-7	108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
38	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
								Total:	0.147 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

ethylbenzene: (conc.: 7.2e-07%)

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

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 0.03%)
xylene: (conc.: 2.28e-06%)

Classification of sample: WS10

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

Sample details

Sample name:
WS10
Sample Depth:
0.00-1.00 m
Moisture content:
5.7%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 5.7% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		6.3 mg/kg	1.197	7.542 mg/kg	0.000754 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		36 mg/kg	1.32	47.532 mg/kg	0.00475 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		<**LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.37 mg/kg	1.142	0.423 mg/kg	0.0000423 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		5.5 mg/kg	1.462	8.039 mg/kg	0.000804 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		68 mg/kg	1.126	76.56 mg/kg	0.00766 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	300 mg/kg		300 mg/kg	0.03 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.1 mg/kg	1.353	0.135 mg/kg	0.0000135 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		<0.5 mg/kg	1.5	<0.75 mg/kg	<0.000075 %		<**LOD**
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		16 mg/kg	2.976	47.62 mg/kg	0.00476 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.44 mg/kg	2.554	1.124 mg/kg	0.000112 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		150 mg/kg	1.245	186.707 mg/kg	0.0187 %		
14	TPH (C6 to C40) petroleum group			TPH		190 mg/kg		190 mg/kg	0.019 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				0.7	mg/kg		0.7	mg/kg	0.00007 %		
			201-581-5	85-01-8									
26		anthracene				0.37	mg/kg		0.37	mg/kg	0.000037 %		
			204-371-1	120-12-7									
27		fluoranthene				0.47	mg/kg		0.47	mg/kg	0.000047 %		
			205-912-4	206-44-0									
28		pyrene				0.31	mg/kg		0.31	mg/kg	0.000031 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0873 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.019%)

Classification of sample: WS10[2]

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

Sample details

Sample name:
WS10[2]
Sample Depth:
1.50-3.00 m
Moisture content:
20%
(no 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 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

diesel petroleum group: (conc.: 0.32%)

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		7.1 mg/kg	1.32	9.374 mg/kg	0.000937 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		<**LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.87 mg/kg	1.142	0.994 mg/kg	0.0000994 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		22 mg/kg	1.126	24.77 mg/kg	0.00248 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	21 mg/kg		21 mg/kg	0.0021 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.3 mg/kg	1.5	3.45 mg/kg	0.000345 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		33 mg/kg	2.976	98.217 mg/kg	0.00982 %		

#	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
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.6 mg/kg	2.554	1.532 mg/kg	0.000153 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		78 mg/kg	1.245	97.088 mg/kg	0.00971 %		
14	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
15	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
19	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
20	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
21	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	fluorene		201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	phenanthrene		201-581-5	85-01-8		5.1 mg/kg		5.1 mg/kg	0.00051 %		
25	anthracene		204-371-1	120-12-7		0.33 mg/kg		0.33 mg/kg	0.000033 %		
26	fluoranthene		205-912-4	206-44-0		0.51 mg/kg		0.51 mg/kg	0.000051 %		
27	pyrene		204-927-3	129-00-0		0.4 mg/kg		0.4 mg/kg	0.00004 %		
28	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
29	chrysene	601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
30	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
31	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
32	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
33	indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
34	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
35	benzo[ghi]perylene		205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
36	phenol	604-001-00-2	203-632-7	108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
37	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<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							
38		diesel petroleum group		68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9		3200 mg/kg		3200 mg/kg	0.32 %		
								Total:	0.349 %		

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: WS11

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

Sample details

Sample name:
WS11
Sample Depth:
0.00-1.50 m
Moisture content:
21%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.5 mg/kg	1.197	4.19 mg/kg	0.000419 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		23 mg/kg	1.32	30.367 mg/kg	0.00304 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		<**LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.9 mg/kg	1.142	1.028 mg/kg	0.000103 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		100 mg/kg	1.126	112.589 mg/kg	0.0113 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	240 mg/kg		240 mg/kg	0.024 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.52 mg/kg	1.353	0.704 mg/kg	0.0000704 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.9 mg/kg	1.5	5.851 mg/kg	0.000585 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		42 mg/kg	2.976	125.003 mg/kg	0.0125 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.2 mg/kg	2.554	3.065 mg/kg	0.000306 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		140 mg/kg	1.245	174.26 mg/kg	0.0174 %		
14	TPH (C6 to C40) petroleum group			TPH		90 mg/kg		90 mg/kg	0.009 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				1.6	mg/kg		1.6	mg/kg	0.00016 %		
			201-581-5	85-01-8									
26		anthracene				0.33	mg/kg		0.33	mg/kg	0.000033 %		
			204-371-1	120-12-7									
27		fluoranthene				0.91	mg/kg		0.91	mg/kg	0.000091 %		
			205-912-4	206-44-0									
28		pyrene				0.75	mg/kg		0.75	mg/kg	0.000075 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.36	mg/kg		0.36	mg/kg	0.000036 %		
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				0.45	mg/kg		0.45	mg/kg	0.000045 %		
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0817 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.009%)

Classification of sample: WS12

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

Sample details

Sample name:
WS12
Sample Depth:
0.00-2.00 m
Moisture content:
12%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		9.4	mg/kg	1.197	11.253	mg/kg	0.00113 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		44	mg/kg	1.32	58.094	mg/kg	0.00581 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4	mg/kg	3.22	<1.288	mg/kg	<0.000129 %		**<LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4	mg/kg	1.142	1.599	mg/kg	0.00016 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12	mg/kg	1.462	17.539	mg/kg	0.00175 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		**<LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		110	mg/kg	1.126	123.848	mg/kg	0.0124 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	320	mg/kg		320	mg/kg	0.032 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.17	mg/kg	1.353	0.23	mg/kg	0.000023 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		12	mg/kg	1.5	18.002	mg/kg	0.0018 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		39	mg/kg	2.976	116.074	mg/kg	0.0116 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.8	mg/kg	2.554	4.597	mg/kg	0.00046 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		230	mg/kg	1.245	286.284	mg/kg	0.0286 %		
14	TPH (C6 to C40) petroleum group			TPH		74	mg/kg		74	mg/kg	0.0074 %		

#		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
15		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
19		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]		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				19	mg/kg	1.884	35.796	mg/kg	0.00358 %		
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
25		phenanthrene		201-581-5	85-01-8		0.47	mg/kg		0.47	mg/kg	0.000047 %		
26		anthracene		204-371-1	120-12-7		0.23	mg/kg		0.23	mg/kg	0.000023 %		
27		fluoranthene		205-912-4	206-44-0		0.37	mg/kg		0.37	mg/kg	0.000037 %		
28		pyrene		204-927-3	129-00-0		0.29	mg/kg		0.29	mg/kg	0.000029 %		
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
37		phenol	604-001-00-2	203-632-7	108-95-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
38		polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
											Total:	0.107 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

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

Classification of sample: WS12[2]

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

Sample details

Sample name:
WS12[2]
Sample Depth:
2.50-3.50 m
Moisture content:
11%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		4.5 mg/kg	1.32	5.941 mg/kg	0.000594 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		<**LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5 mg/kg	1.142	1.713 mg/kg	0.000171 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24 mg/kg	1.126	27.021 mg/kg	0.0027 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	28 mg/kg		28 mg/kg	0.0028 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.06 mg/kg	1.353	0.0812 mg/kg	0.00000812 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.4 mg/kg	1.5	5.101 mg/kg	0.00051 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		29 mg/kg	2.976	86.312 mg/kg	0.00863 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.91 mg/kg	2.554	2.324 mg/kg	0.000232 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		76 mg/kg	1.245	94.598 mg/kg	0.00946 %		
14	TPH (C6 to C40) petroleum group			TPH		92 mg/kg		92 mg/kg	0.0092 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				7.7	mg/kg	1.884	14.507	mg/kg	0.00145 %		
		006-007-00-5											
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				0.57	mg/kg		0.57	mg/kg	0.000057 %		
			201-581-5	85-01-8									
26		anthracene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
			204-371-1	120-12-7									
27		fluoranthene				0.32	mg/kg		0.32	mg/kg	0.000032 %		
			205-912-4	206-44-0									
28		pyrene				0.26	mg/kg		0.26	mg/kg	0.000026 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0381 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0092%)

Classification of sample: WS13

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

Sample details

Sample name:
WS13
Sample Depth:
0.50-2.00 m
Moisture content:
26%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.9	mg/kg	1.197	4.669	mg/kg	0.000467 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16	mg/kg	1.32	21.125	mg/kg	0.00211 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4	mg/kg	3.22	<1.288	mg/kg	<0.000129 %		**<LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.8	mg/kg	1.142	0.914	mg/kg	0.0000914 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12	mg/kg	1.462	17.539	mg/kg	0.00175 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		**<LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		87	mg/kg	1.126	97.952	mg/kg	0.0098 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	240	mg/kg		240	mg/kg	0.024 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.96	mg/kg	1.353	1.299	mg/kg	0.00013 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.1	mg/kg	1.5	6.151	mg/kg	0.000615 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		36	mg/kg	2.976	107.146	mg/kg	0.0107 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.2	mg/kg	2.554	3.065	mg/kg	0.000306 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		140	mg/kg	1.245	174.26	mg/kg	0.0174 %		
14	TPH (C6 to C40) petroleum group			TPH		110	mg/kg		110	mg/kg	0.011 %		

#	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
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	benzene	601-020-00-8	200-753-7	71-43-2		0.0018 mg/kg		0.0018 mg/kg	0.00000018 %		
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
19	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.8 mg/kg	1.884	1.507 mg/kg	0.000151 %		
21	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
22	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
23	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
24	fluorene		201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
25	phenanthrene		201-581-5	85-01-8		1.1 mg/kg		1.1 mg/kg	0.00011 %		
26	anthracene		204-371-1	120-12-7		0.32 mg/kg		0.32 mg/kg	0.000032 %		
27	fluoranthene		205-912-4	206-44-0		2 mg/kg		2 mg/kg	0.0002 %		
28	pyrene		204-927-3	129-00-0		1.6 mg/kg		1.6 mg/kg	0.00016 %		
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.91 mg/kg		0.91 mg/kg	0.000091 %		
30	chrysene	601-048-00-0	205-923-4	218-01-9		0.87 mg/kg		0.87 mg/kg	0.000087 %		
31	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
32	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
33	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
34	indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
35	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
36	benzo[ghi]perylene		205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
37	phenol	604-001-00-2	203-632-7	108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
38	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
								Total:	0.0796 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

benzene: (conc.: 1.8e-07%)

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

Because of determinand:

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

Classification of sample: WS13[2]

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

Sample details

Sample name:
WS13[2]
Sample Depth:
2.50-4.00 m
Moisture content:
12%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.4 mg/kg	1.197	4.07 mg/kg	0.000407 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		21 mg/kg	1.32	27.727 mg/kg	0.00277 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		<**LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.2 mg/kg	1.142	2.513 mg/kg	0.000251 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		54 mg/kg	1.126	60.798 mg/kg	0.00608 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	160 mg/kg		160 mg/kg	0.016 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.17 mg/kg	1.353	0.23 mg/kg	0.000023 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		15 mg/kg	1.5	22.503 mg/kg	0.00225 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		31 mg/kg	2.976	92.264 mg/kg	0.00923 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		2.3 mg/kg	2.554	5.874 mg/kg	0.000587 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		140 mg/kg	1.245	174.26 mg/kg	0.0174 %		
14	TPH (C6 to C40) petroleum group			TPH		160 mg/kg		160 mg/kg	0.016 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				16	mg/kg	1.884	30.144	mg/kg	0.00301 %		
		006-007-00-5											
21		naphthalene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				0.35	mg/kg		0.35	mg/kg	0.000035 %		
			205-917-1	208-96-8									
23		acenaphthene				0.49	mg/kg		0.49	mg/kg	0.000049 %		
			201-469-6	83-32-9									
24		fluorene				0.77	mg/kg		0.77	mg/kg	0.000077 %		
			201-695-5	86-73-7									
25		phenanthrene				2.1	mg/kg		2.1	mg/kg	0.00021 %		
			201-581-5	85-01-8									
26		anthracene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
			204-371-1	120-12-7									
27		fluoranthene				4.7	mg/kg		4.7	mg/kg	0.00047 %		
			205-912-4	206-44-0									
28		pyrene				3.1	mg/kg		3.1	mg/kg	0.00031 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				2.2	mg/kg		2.2	mg/kg	0.00022 %		
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				1.7	mg/kg		1.7	mg/kg	0.00017 %		
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				2.5	mg/kg		2.5	mg/kg	0.00025 %		
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.92	mg/kg		0.92	mg/kg	0.000092 %		
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				1.7	mg/kg		1.7	mg/kg	0.00017 %		
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				0.36	mg/kg		0.36	mg/kg	0.000036 %		
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				0.92	mg/kg		0.92	mg/kg	0.000092 %		
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0787 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.016%)

Classification of sample: WS14

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

Sample details

Sample name:
WS14
Sample Depth:
0.50-2.00 m
Moisture content:
7.5%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 7.5% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		14 mg/kg	1.197	16.759 mg/kg	0.00168 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		81 mg/kg	1.32	106.946 mg/kg	0.0107 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		**<LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1 mg/kg	1.142	1.142 mg/kg	0.000114 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.4 mg/kg	1.462	13.739 mg/kg	0.00137 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		**<LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		130 mg/kg	1.126	146.365 mg/kg	0.0146 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	550 mg/kg		550 mg/kg	0.055 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.16 mg/kg	1.353	0.217 mg/kg	0.0000217 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		1.1 mg/kg	1.5	1.65 mg/kg	0.000165 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		33 mg/kg	2.976	98.217 mg/kg	0.00982 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.95 mg/kg	2.554	2.426 mg/kg	0.000243 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		340 mg/kg	1.245	423.203 mg/kg	0.0423 %		
14	TPH (C6 to C40) petroleum group			TPH		84 mg/kg		84 mg/kg	0.0084 %		

#	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
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
19	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.7 mg/kg	1.884	1.319 mg/kg	0.000132 %		
21	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
22	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
23	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
24	fluorene		201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
25	phenanthrene		201-581-5	85-01-8		1.2 mg/kg		1.2 mg/kg	0.00012 %		
26	anthracene		204-371-1	120-12-7		0.89 mg/kg		0.89 mg/kg	0.000089 %		
27	fluoranthene		205-912-4	206-44-0		0.87 mg/kg		0.87 mg/kg	0.000087 %		
28	pyrene		204-927-3	129-00-0		0.58 mg/kg		0.58 mg/kg	0.000058 %		
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
30	chrysene	601-048-00-0	205-923-4	218-01-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
31	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
32	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
33	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
34	indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
35	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
36	benzo[ghi]perylene		205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
37	phenol	604-001-00-2	203-632-7	108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
38	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
								Total:	0.145 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0084%)

Classification of sample: WS15

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

Sample details

Sample name:
WS15
Sample Depth:
0.50-2.00 m
Moisture content:
6.1%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 6.1% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		13 mg/kg	1.197	15.562 mg/kg	0.00156 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		60 mg/kg	1.32	79.22 mg/kg	0.00792 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		<**LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.94 mg/kg	1.142	1.074 mg/kg	0.000107 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		8.5 mg/kg	1.462	12.423 mg/kg	0.00124 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		150 mg/kg	1.126	168.883 mg/kg	0.0169 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1100 mg/kg		1100 mg/kg	0.11 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.14 mg/kg	1.353	0.189 mg/kg	0.0000189 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		1.3 mg/kg	1.5	1.95 mg/kg	0.000195 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		28 mg/kg	2.976	83.335 mg/kg	0.00833 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		0.89 mg/kg	2.554	2.273 mg/kg	0.000227 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		240 mg/kg	1.245	298.731 mg/kg	0.0299 %		
14	TPH (C6 to C40) petroleum group			TPH		160 mg/kg		160 mg/kg	0.016 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				0.96	mg/kg		0.96	mg/kg	0.000096 %		
			201-469-6	83-32-9									
24		fluorene				0.85	mg/kg		0.85	mg/kg	0.000085 %		
			201-695-5	86-73-7									
25		phenanthrene				2	mg/kg		2	mg/kg	0.0002 %		
			201-581-5	85-01-8									
26		anthracene				1.4	mg/kg		1.4	mg/kg	0.00014 %		
			204-371-1	120-12-7									
27		fluoranthene				1.6	mg/kg		1.6	mg/kg	0.00016 %		
			205-912-4	206-44-0									
28		pyrene				0.98	mg/kg		0.98	mg/kg	0.000098 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.32	mg/kg		0.32	mg/kg	0.000032 %		
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.32	mg/kg		0.32	mg/kg	0.000032 %		
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										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

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.016%)

Classification of sample: WS15[2]

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

Sample details

Sample name:
WS15[2]
Sample Depth:
2.50-4.00 m
Moisture content:
13%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		20 mg/kg	1.197	23.942 mg/kg	0.00239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		15 mg/kg	1.32	19.805 mg/kg	0.00198 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	1.2 mg/kg	3.22	3.864 mg/kg	0.000386 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		**<LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		43 mg/kg	1.126	48.413 mg/kg	0.00484 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1000 mg/kg		1000 mg/kg	0.1 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.09 mg/kg	1.353	0.122 mg/kg	0.0000122 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		3.4 mg/kg	1.5	5.101 mg/kg	0.00051 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		40 mg/kg	2.976	119.051 mg/kg	0.0119 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.8 mg/kg	2.554	4.597 mg/kg	0.00046 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		100 mg/kg	1.245	124.471 mg/kg	0.0124 %		
14	TPH (C6 to C40) petroleum group			TPH		94 mg/kg		94 mg/kg	0.0094 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				0.0013	mg/kg		0.0013	mg/kg	0.00000013 %		
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
21		naphthalene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				0.57	mg/kg		0.57	mg/kg	0.000057 %		
			201-469-6	83-32-9									
24		fluorene				0.48	mg/kg		0.48	mg/kg	0.000048 %		
			201-695-5	86-73-7									
25		phenanthrene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
			201-581-5	85-01-8									
26		anthracene				0.75	mg/kg		0.75	mg/kg	0.000075 %		
			204-371-1	120-12-7									
27		fluoranthene				0.96	mg/kg		0.96	mg/kg	0.000096 %		
			205-912-4	206-44-0									
28		pyrene				0.59	mg/kg		0.59	mg/kg	0.000059 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.18	mg/kg		0.18	mg/kg	0.000018 %		
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.147 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

benzene: (conc.: 1.3e-07%)

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0094%)

Appendix A: Classifier defined and non EU CLP determinands

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

EU CLP 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 CLP protocols, considers many simple lead compounds to be Carcinogenic category 2
Additional Hazard Statement(s): Carc. 2; H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - 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

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)

EU CLP index number: 601-023-00-4
Description/Comments:
Additional Hazard Statement(s): Carc. 2; H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2; H351 hazard statement sourced from: IARC Group 2B (77) 2000

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

EU CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

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

polychlorobiphenyls; PCB (EC Number: 215-648-1, CAS Number: 1336-36-3)

EU CLP index number: 602-039-00-4
Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans;

POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.
Additional Hazard Statement(s): Carc. 1A; H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A; H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

diesel petroleum group (CAS Number: 68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9)

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 , Skin Irrit. 2; H315 , Acute Tox. 4; H332 , Carc. 2; H351 , Asp. Tox. 1; H304 , STOT RE 2; H373 , Aquatic Chronic 2; H411

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

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

boron {diboron trioxide}

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

cadmium {cadmium oxide}

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

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

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

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

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

copper {dicopper oxide; copper (I) oxide}

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

lead {lead compounds with the exception of those specified elsewhere in this Annex}

Laboratory analysis shows hexavalent chromium is below detection, thus lead chromate is extremely unlikely to have formed.

mercury {mercury dichloride}

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

molybdenum {molybdenum(VI) oxide}

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

nickel {nickel chromate}

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

selenium {nickel selenate}

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

zinc {zinc oxide}

Laboratory analysis shows hexavalent chromium is below detection, thus zinc chromate is extremely unlikely to have formed.

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

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

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1.NI - Jan 2021
HazWasteOnline Classification Engine Version: 2024.113.6026.11165 (22 Apr 2024)
HazWasteOnline Database: 2024.113.6026.11165 (22 Apr 2024)

This classification utilises the following guidance and legislation:
WM3 v1.1.NI - Waste Classification - 1st Edition v1.1.NI - Jan 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
17th ATP - Regulation (EU) 2021/849 of 11 March 2021
18th ATP - Regulation (EU) 2022/692 of 16 February 2022
19th ATP - Regulation (EU) 2023/1434 of 25 April 2023
20th ATP - Regulation (EU) 2023/1435 of 2 May 2023
21st ATP - Regulation (EU) 2024/197 of 19 October 2023

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.

H5D9V-K2E7D-PJ2OM

Job name

24-001-19 Stanley Street Phase 2

Description/Comments

14 Composite Samples from 8 Window Samples

Project

24-001-19

Site

Stanley Street

Classified by

Name:
Austin Hynes
Date:
29 Jul 2024 11:28 GMT
Telephone:
+353 (0)21 4345366

Company:
O'Callaghan Moran & Associates
Unit 15 Melbourne Business Park,
Model Farm Road
Cork

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	06 Oct 2022

Next 3 year Refresher due by Oct 2025

Purpose of classification

7 - Disposal of Waste

Address of the waste

Stanley Street, Dublin 7 **Post Code** NA

Description of industry/producer giving rise to the waste

Site Investigation

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

Excavation

Description of the waste

Soil and Stone

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	WS16	2.7	Non Hazardous		3
2	WS17	2.1	Non Hazardous		6
3	WS16[2]	1.7	Non Hazardous		9
4	WS17[2]	1.6	Non Hazardous		12
5	WS18	0.3	Non Hazardous		15
6	WS25	1.5	Non Hazardous		18
7	WS25[2]	0.3	Non Hazardous		21
8	WS23	0.3	Non Hazardous		24
9	WS24	1.5	Hazardous	HP 3(i), HP 7, HP 11	27
10	WS28	0.3	Non Hazardous		30
11	WS24[2]	0.5	Non Hazardous		33
12	WS27	1.0	Hazardous	HP 3(i), HP 7, HP 11	36
13	WS27[2]	0.3	Non Hazardous		39
14	WS28[2]	1.0	Hazardous	HP 3(i), HP 7, HP 11	42

Related documents

#	Name	Description
1	OCM Hazwaste 2024	waste stream template used to create this Job

Report

Created by: Austin Hynes

Created date: 29 Jul 2024 11:28 GMT

Appendices	Page
Appendix A: Classifier defined and non EU CLP determinands	45
Appendix B: Rationale for selection of metal species	46
Appendix C: Version	47

Classification of sample: WS16

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

Sample details

Sample name:
WS16
Sample Depth:
2.7 m
Moisture content:
11%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2	mg/kg	1.197	<2.394	mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		11	mg/kg	1.32	14.524	mg/kg	0.00145 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	0.75	mg/kg	3.22	2.415	mg/kg	0.000241 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		4.3	mg/kg	1.142	4.912	mg/kg	0.000491 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18	mg/kg	1.462	26.308	mg/kg	0.00263 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		32	mg/kg	1.126	36.028	mg/kg	0.0036 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	26	mg/kg		26	mg/kg	0.0026 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08	mg/kg	1.353	0.108	mg/kg	0.0000108 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		18	mg/kg	1.5	27.003	mg/kg	0.0027 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		75	mg/kg	2.976	223.22	mg/kg	0.0223 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.25	mg/kg	2.554	<0.638	mg/kg	<0.0000638 %		<**LOD**
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		110	mg/kg	1.245	136.919	mg/kg	0.0137 %		
14	TPH (C6 to C40) petroleum group			TPH		17	mg/kg		17	mg/kg	0.0017 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0									
28		pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0521 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0017%)

Classification of sample: WS17

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

Sample details

Sample name:
WS17
Sample Depth:
2.1 m
Moisture content:
13%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.3 mg/kg	1.197	2.753 mg/kg	0.000275 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		10 mg/kg	1.32	13.203 mg/kg	0.00132 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	1.3 mg/kg	3.22	4.186 mg/kg	0.000419 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.3 mg/kg	1.142	2.627 mg/kg	0.000263 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		30 mg/kg	1.126	33.777 mg/kg	0.00338 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	36 mg/kg		36 mg/kg	0.0036 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.07 mg/kg	1.353	0.0947 mg/kg	0.00000947 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		34 mg/kg	1.5	51.006 mg/kg	0.0051 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		74 mg/kg	2.976	220.244 mg/kg	0.022 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.25 mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<**LOD**
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		130 mg/kg	1.245	161.813 mg/kg	0.0162 %		
14	TPH (C6 to C40) petroleum group			TPH		170 mg/kg		170 mg/kg	0.017 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				12	mg/kg	1.884	22.608	mg/kg	0.00226 %		
		006-007-00-5											
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0									
28		pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0756 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.017%)

Classification of sample: WS16[2]

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

Sample details

Sample name:
WS16[2]
Sample Depth:
1.7 m
Moisture content:
18%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.8 mg/kg	1.197	4.549 mg/kg	0.000455 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	0.94 mg/kg	3.22	3.027 mg/kg	0.000303 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		9 mg/kg	1.142	10.281 mg/kg	0.00103 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	30.693 mg/kg	0.00307 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		46 mg/kg	1.126	51.791 mg/kg	0.00518 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	83 mg/kg		83 mg/kg	0.0083 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.16 mg/kg	1.353	0.217 mg/kg	0.0000217 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		35 mg/kg	1.5	52.507 mg/kg	0.00525 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		97 mg/kg	2.976	288.698 mg/kg	0.0289 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.25 mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<**LOD**
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		180 mg/kg	1.245	224.049 mg/kg	0.0224 %		
14	TPH (C6 to C40) petroleum group			TPH		120 mg/kg		120 mg/kg	0.012 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				3.8	mg/kg	1.884	7.159	mg/kg	0.000716 %		
		006-007-00-5											
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				0.4	mg/kg		0.4	mg/kg	0.00004 %		
			205-912-4	206-44-0									
28		pyrene				0.44	mg/kg		0.44	mg/kg	0.000044 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.4	mg/kg		0.4	mg/kg	0.00004 %		
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.36	mg/kg		0.36	mg/kg	0.000036 %		
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0906 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

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

Classification of sample: WS17[2]

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

Sample details

Sample name:
WS17[2]
Sample Depth:
1.6 m
Moisture content:
4.7%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 4.7% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		20 mg/kg	1.197	23.942 mg/kg	0.00239 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		71 mg/kg	1.32	93.743 mg/kg	0.00937 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	0.41 mg/kg	3.22	1.32 mg/kg	0.000132 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.3 mg/kg	1.142	2.627 mg/kg	0.000263 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		79 mg/kg	1.126	88.945 mg/kg	0.00889 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1500 mg/kg		1500 mg/kg	0.15 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.21 mg/kg	1.353	0.284 mg/kg	0.0000284 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		1.7 mg/kg	1.5	2.55 mg/kg	0.000255 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		31 mg/kg	2.976	92.264 mg/kg	0.00923 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.25 mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<**LOD**
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		470 mg/kg	1.245	585.016 mg/kg	0.0585 %		
14	TPH (C6 to C40) petroleum group			TPH		<10 mg/kg		<10 mg/kg	<0.001 %		<**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
15		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
16		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
17		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
19		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]		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
24		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
25		phenanthrene		201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
27		fluoranthene		205-912-4	206-44-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
28		pyrene		204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
30		chrysene	601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
31		benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
32		benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
33		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
34		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
35		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
36		benzo[ghi]perylene		205-883-8	191-24-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
37		phenol	604-001-00-2	203-632-7	108-95-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
38		polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
											Total:	0.242 %		

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: WS18

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

Sample details

Sample name:
WS18
Sample Depth:
0.3 m
Moisture content:
4.2%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 4.2% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		19 mg/kg	1.197	22.745 mg/kg	0.00227 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		78 mg/kg	1.32	102.985 mg/kg	0.0103 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	<0.4 mg/kg	3.22	<1.288 mg/kg	<0.000129 %		<**LOD**
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2 mg/kg	1.142	2.285 mg/kg	0.000228 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		160 mg/kg	1.126	180.142 mg/kg	0.018 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	990 mg/kg		990 mg/kg	0.099 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.24 mg/kg	1.353	0.325 mg/kg	0.0000325 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		1.5 mg/kg	1.5	2.25 mg/kg	0.000225 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		30 mg/kg	2.976	89.288 mg/kg	0.00893 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.25 mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<**LOD**
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		480 mg/kg	1.245	597.463 mg/kg	0.0597 %		
14	TPH (C6 to C40) petroleum group			TPH		<10 mg/kg		<10 mg/kg	<0.001 %		<**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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
25		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
26		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
27		fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0									
28		pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.202 %		

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: WS25

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

Sample details

Sample name:
WS25
Sample Depth:
1.5 m
Moisture content:
17%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		14 mg/kg	1.32	18.485 mg/kg	0.00185 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	0.92 mg/kg	3.22	2.962 mg/kg	0.000296 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.9 mg/kg	1.142	2.17 mg/kg	0.000217 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		40 mg/kg	1.126	45.036 mg/kg	0.0045 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	50 mg/kg		50 mg/kg	0.005 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.11 mg/kg	1.353	0.149 mg/kg	0.0000149 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.9 mg/kg	1.5	4.351 mg/kg	0.000435 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		48 mg/kg	2.976	142.861 mg/kg	0.0143 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.25 mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<LOD
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		120 mg/kg	1.245	149.366 mg/kg	0.0149 %		
14	TPH (C6 to C40) petroleum group			TPH		23 mg/kg		23 mg/kg	0.0023 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
		006-007-00-5											
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			201-695-5	86-73-7									
25		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			201-581-5	85-01-8									
26		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			204-371-1	120-12-7									
27		fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-912-4	206-44-0									
28		pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			204-927-3	129-00-0									
29		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0483 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0023%)

Classification of sample: WS25[2]

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

Sample details

Sample name:
WS25[2]
Sample Depth:
0.3 m
Moisture content:
19%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 19% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		15	mg/kg	1.197	17.957	mg/kg	0.0018 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		39	mg/kg	1.32	51.493	mg/kg	0.00515 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	1.1	mg/kg	3.22	3.542	mg/kg	0.000354 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.92	mg/kg	1.142	1.051	mg/kg	0.000105 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		36	mg/kg	1.462	52.616	mg/kg	0.00526 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		340	mg/kg	1.126	382.802	mg/kg	0.0383 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	1800	mg/kg		1800	mg/kg	0.18 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1	mg/kg	1.353	1.353	mg/kg	0.000135 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		9.8	mg/kg	1.5	14.702	mg/kg	0.00147 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		81	mg/kg	2.976	241.077	mg/kg	0.0241 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.25	mg/kg	2.554	<0.638	mg/kg	<0.0000638 %		<**LOD**
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		310	mg/kg	1.245	385.861	mg/kg	0.0386 %		
14	TPH (C6 to C40) petroleum group			TPH		170	mg/kg		170	mg/kg	0.017 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				3.2	mg/kg	1.884	6.029	mg/kg	0.000603 %		
		006-007-00-5											
21		naphthalene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
23		acenaphthene				0.92	mg/kg		0.92	mg/kg	0.000092 %		
			201-469-6	83-32-9									
24		fluorene				0.64	mg/kg		0.64	mg/kg	0.000064 %		
			201-695-5	86-73-7									
25		phenanthrene				8.8	mg/kg		8.8	mg/kg	0.00088 %		
			201-581-5	85-01-8									
26		anthracene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
			204-371-1	120-12-7									
27		fluoranthene				13	mg/kg		13	mg/kg	0.0013 %		
			205-912-4	206-44-0									
28		pyrene				12	mg/kg		12	mg/kg	0.0012 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				5.2	mg/kg		5.2	mg/kg	0.00052 %		
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				5.9	mg/kg		5.9	mg/kg	0.00059 %		
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				7.3	mg/kg		7.3	mg/kg	0.00073 %		
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				2.1	mg/kg		2.1	mg/kg	0.00021 %		
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				5.2	mg/kg		5.2	mg/kg	0.00052 %		
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				3.1	mg/kg		3.1	mg/kg	0.00031 %		
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				0.74	mg/kg		0.74	mg/kg	0.000074 %		
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				3.3	mg/kg		3.3	mg/kg	0.00033 %		
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.32 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.017%)

Classification of sample: WS23

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

Sample details

Sample name:
WS23
Sample Depth:
0.3 m
Moisture content:
18%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		3.8 mg/kg	1.197	4.549 mg/kg	0.000455 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	1.6 mg/kg	3.22	5.152 mg/kg	0.000515 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.4 mg/kg	1.142	1.599 mg/kg	0.00016 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	35.077 mg/kg	0.00351 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		430 mg/kg	1.126	484.132 mg/kg	0.0484 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	750 mg/kg		750 mg/kg	0.075 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.77 mg/kg	1.353	1.042 mg/kg	0.000104 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.7 mg/kg	1.5	7.051 mg/kg	0.000705 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		61 mg/kg	2.976	181.552 mg/kg	0.0182 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.25 mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<**LOD**
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		400 mg/kg	1.245	497.886 mg/kg	0.0498 %		
14	TPH (C6 to C40) petroleum group			TPH		120 mg/kg		120 mg/kg	0.012 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
		006-007-00-5											
21		naphthalene				1.6	mg/kg		1.6	mg/kg	0.00016 %		
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-917-1	208-96-8									
23		acenaphthene				4.3	mg/kg		4.3	mg/kg	0.00043 %		
			201-469-6	83-32-9									
24		fluorene				2.6	mg/kg		2.6	mg/kg	0.00026 %		
			201-695-5	86-73-7									
25		phenanthrene				25	mg/kg		25	mg/kg	0.0025 %		
			201-581-5	85-01-8									
26		anthracene				3.3	mg/kg		3.3	mg/kg	0.00033 %		
			204-371-1	120-12-7									
27		fluoranthene				24	mg/kg		24	mg/kg	0.0024 %		
			205-912-4	206-44-0									
28		pyrene				22	mg/kg		22	mg/kg	0.0022 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				9.2	mg/kg		9.2	mg/kg	0.00092 %		
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				10	mg/kg		10	mg/kg	0.001 %		
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				12	mg/kg		12	mg/kg	0.0012 %		
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				3.3	mg/kg		3.3	mg/kg	0.00033 %		
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				8.6	mg/kg		8.6	mg/kg	0.00086 %		
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				4.8	mg/kg		4.8	mg/kg	0.00048 %		
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				1	mg/kg		1	mg/kg	0.0001 %		
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				5.1	mg/kg		5.1	mg/kg	0.00051 %		
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										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

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

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

Classification of sample: WS24

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

Sample details

Sample name:
WS24
Sample Depth:
1.5 m
Moisture content:
16%
(no 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 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.56%)

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.: 0.56%)

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.: 0.56%)

Determinands

Moisture content: 16% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		antimony { antimony trioxide }				2.3	mg/kg	1.197	2.753	mg/kg	0.000275 %		
		051-005-00-X	215-175-0	1309-64-4									
2		arsenic { arsenic trioxide }				15	mg/kg	1.32	19.805	mg/kg	0.00198 %		
		033-003-00-0	215-481-4	1327-53-3									
3		boron { diboron trioxide }			11	<0.4	mg/kg	3.22	<1.288	mg/kg	<0.000129 %		<**LOD**
		005-008-00-8	215-125-8	1303-86-2									
4		cadmium { cadmium oxide }				1.9	mg/kg	1.142	2.17	mg/kg	0.000217 %		
		048-002-00-0	215-146-2	1306-19-0									

#	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
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25 mg/kg	1.462	36.539 mg/kg	0.00365 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		45 mg/kg	1.126	50.665 mg/kg	0.00507 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	130 mg/kg		130 mg/kg	0.013 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.08 mg/kg	1.353	0.108 mg/kg	0.0000108 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.4 mg/kg	1.5	6.601 mg/kg	0.00066 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		56 mg/kg	2.976	166.671 mg/kg	0.0167 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.25 mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<LOD
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		120 mg/kg	1.245	149.366 mg/kg	0.0149 %		
14	TPH (C6 to C40) petroleum group			TPH		5600 mg/kg		5600 mg/kg	0.56 %		
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
19	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
21	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	fluorene		201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	phenanthrene		201-581-5	85-01-8		0.31 mg/kg		0.31 mg/kg	0.000031 %		
26	anthracene		204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	fluoranthene		205-912-4	206-44-0		0.45 mg/kg		0.45 mg/kg	0.000045 %		
28	pyrene		204-927-3	129-00-0		0.44 mg/kg		0.44 mg/kg	0.000044 %		
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<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									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.617 %		

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: WS28

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

Sample details

Sample name:
WS28
Sample Depth:
0.3 m
Moisture content:
9.4%
(no correction)

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

Hazard properties

None identified

Determinands

Moisture content: 9.4% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<LOD
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		13 mg/kg	1.32	17.164 mg/kg	0.00172 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	0.63 mg/kg	3.22	2.029 mg/kg	0.000203 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5 mg/kg	1.142	1.713 mg/kg	0.000171 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		81 mg/kg	1.126	91.197 mg/kg	0.00912 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	120 mg/kg		120 mg/kg	0.012 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.25 mg/kg	1.353	0.338 mg/kg	0.0000338 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		2.9 mg/kg	1.5	4.351 mg/kg	0.000435 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		40 mg/kg	2.976	119.051 mg/kg	0.0119 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.25 mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<LOD
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		130 mg/kg	1.245	161.813 mg/kg	0.0162 %		
14	TPH (C6 to C40) petroleum group			TPH		47 mg/kg		47 mg/kg	0.0047 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<**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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<**LOD**
		006-007-00-5											
21		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-917-1	208-96-8									
23		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			201-469-6	83-32-9									
24		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			201-695-5	86-73-7									
25		phenanthrene				0.47	mg/kg		0.47	mg/kg	0.000047 %		
			201-581-5	85-01-8									
26		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			204-371-1	120-12-7									
27		fluoranthene				0.7	mg/kg		0.7	mg/kg	0.00007 %		
			205-912-4	206-44-0									
28		pyrene				0.61	mg/kg		0.61	mg/kg	0.000061 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				0.4	mg/kg		0.4	mg/kg	0.00004 %		
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.0601 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0047%)

Classification of sample: WS24[2]

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

Sample details

Sample name:
WS24[2]
Sample Depth:
0.5 m
Moisture content:
18%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		4 mg/kg	1.197	4.788 mg/kg	0.000479 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		22 mg/kg	1.32	29.047 mg/kg	0.0029 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	2.5 mg/kg	3.22	8.05 mg/kg	0.000805 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.48 mg/kg	1.142	0.548 mg/kg	0.0000548 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		200 mg/kg	1.126	225.178 mg/kg	0.0225 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	570 mg/kg		570 mg/kg	0.057 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		1.4 mg/kg	1.353	1.895 mg/kg	0.000189 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.2 mg/kg	1.5	6.301 mg/kg	0.00063 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		44 mg/kg	2.976	130.956 mg/kg	0.0131 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		1.5 mg/kg	2.554	3.831 mg/kg	0.000383 %		
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		190 mg/kg	1.245	236.496 mg/kg	0.0236 %		
14	TPH (C6 to C40) petroleum group			TPH		610 mg/kg		610 mg/kg	0.061 %		

#		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		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		603-181-00-X	216-653-1	1634-04-4									
16		benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
17		toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
18		ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
19		xylene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<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]									
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
		006-007-00-5											
21		naphthalene				0.54	mg/kg		0.54	mg/kg	0.000054 %		
		601-052-00-2	202-049-5	91-20-3									
22		acenaphthylene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			205-917-1	208-96-8									
23		acenaphthene				1.6	mg/kg		1.6	mg/kg	0.00016 %		
			201-469-6	83-32-9									
24		fluorene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
			201-695-5	86-73-7									
25		phenanthrene				11	mg/kg		11	mg/kg	0.0011 %		
			201-581-5	85-01-8									
26		anthracene				1.7	mg/kg		1.7	mg/kg	0.00017 %		
			204-371-1	120-12-7									
27		fluoranthene				15	mg/kg		15	mg/kg	0.0015 %		
			205-912-4	206-44-0									
28		pyrene				14	mg/kg		14	mg/kg	0.0014 %		
			204-927-3	129-00-0									
29		benzo[a]anthracene				6.5	mg/kg		6.5	mg/kg	0.00065 %		
		601-033-00-9	200-280-6	56-55-3									
30		chrysene				7.9	mg/kg		7.9	mg/kg	0.00079 %		
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				8.8	mg/kg		8.8	mg/kg	0.00088 %		
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				2.8	mg/kg		2.8	mg/kg	0.00028 %		
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				6.4	mg/kg		6.4	mg/kg	0.00064 %		
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				3.8	mg/kg		3.8	mg/kg	0.00038 %		
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				0.92	mg/kg		0.92	mg/kg	0.000092 %		
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				3.9	mg/kg		3.9	mg/kg	0.00039 %		
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		602-039-00-4	215-648-1	1336-36-3									
										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

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.061%)

Classification of sample: WS27

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

Sample details

Sample name:
WS27
Sample Depth:
1.0 m
Moisture content:
10%
(no 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 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.49%)

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.: 0.49%)

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.: 0.49%)

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		<2 mg/kg	1.197	<2.394 mg/kg	<0.000239 %		<**LOD**
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		9.8 mg/kg	1.32	12.939 mg/kg	0.00129 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	0.45 mg/kg	3.22	1.449 mg/kg	0.000145 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.7 mg/kg	1.142	1.942 mg/kg	0.000194 %		

#		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
5		chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13	mg/kg	1.462	19	mg/kg	0.0019 %		
6		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
7		copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		24	mg/kg	1.126	27.021	mg/kg	0.0027 %		
8		lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	26	mg/kg		26	mg/kg	0.0026 %		
9		mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.05	mg/kg	1.353	0.0677	mg/kg	0.00000677 %		
10		molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4.1	mg/kg	1.5	6.151	mg/kg	0.000615 %		
11		nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		35	mg/kg	2.976	104.169	mg/kg	0.0104 %		
12		selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.25	mg/kg	2.554	<0.638	mg/kg	<0.0000638 %		<LOD
13		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		65	mg/kg	1.245	80.906	mg/kg	0.00809 %		
14		TPH (C6 to C40) petroleum group			TPH		4900	mg/kg		4900	mg/kg	0.49 %		
15		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
16		benzene	601-020-00-8	200-753-7	71-43-2		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
17		toluene	601-021-00-3	203-625-9	108-88-3		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
18		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
19		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]		<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
20		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
21		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		acenaphthylene		205-917-1	208-96-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		acenaphthene		201-469-6	83-32-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
24		fluorene		201-695-5	86-73-7		0.16	mg/kg		0.16	mg/kg	0.000016 %		
25		phenanthrene		201-581-5	85-01-8		0.22	mg/kg		0.22	mg/kg	0.000022 %		
26		anthracene		204-371-1	120-12-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
27		fluoranthene		205-912-4	206-44-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
28		pyrene		204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
29		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<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									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.519 %		

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: WS27[2]

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

Sample details

Sample name:
WS27[2]
Sample Depth:
0.3 m
Moisture content:
11%
(no correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.9	mg/kg	1.197	3.472	mg/kg	0.000347 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17	mg/kg	1.32	22.446	mg/kg	0.00224 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	0.83	mg/kg	3.22	2.672	mg/kg	0.000267 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		1.5	mg/kg	1.142	1.713	mg/kg	0.000171 %		
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25	mg/kg	1.462	36.539	mg/kg	0.00365 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<**LOD**
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		100	mg/kg	1.126	112.589	mg/kg	0.0113 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	880	mg/kg		880	mg/kg	0.088 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.32	mg/kg	1.353	0.433	mg/kg	0.0000433 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		4	mg/kg	1.5	6.001	mg/kg	0.0006 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		44	mg/kg	2.976	130.956	mg/kg	0.0131 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.25	mg/kg	2.554	<0.638	mg/kg	<0.0000638 %		<**LOD**
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		130	mg/kg	1.245	161.813	mg/kg	0.0162 %		
14	TPH (C6 to C40) petroleum group			TPH		120	mg/kg		120	mg/kg	0.012 %		

#	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
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
19	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<**LOD**
21	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
22	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
23	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
24	fluorene		201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
25	phenanthrene		201-581-5	85-01-8		0.83 mg/kg		0.83 mg/kg	0.000083 %		
26	anthracene		204-371-1	120-12-7		0.12 mg/kg		0.12 mg/kg	0.000012 %		
27	fluoranthene		205-912-4	206-44-0		1.3 mg/kg		1.3 mg/kg	0.00013 %		
28	pyrene		204-927-3	129-00-0		1.2 mg/kg		1.2 mg/kg	0.00012 %		
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.67 mg/kg		0.67 mg/kg	0.000067 %		
30	chrysene	601-048-00-0	205-923-4	218-01-9		0.61 mg/kg		0.61 mg/kg	0.000061 %		
31	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2		0.81 mg/kg		0.81 mg/kg	0.000081 %		
32	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9		0.31 mg/kg		0.31 mg/kg	0.000031 %		
33	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.55 mg/kg		0.55 mg/kg	0.000055 %		
34	indeno[123-cd]pyrene		205-893-2	193-39-5		0.31 mg/kg		0.31 mg/kg	0.000031 %		
35	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
36	benzo[ghi]perylene		205-883-8	191-24-2		0.33 mg/kg		0.33 mg/kg	0.000033 %		
37	phenol	604-001-00-2	203-632-7	108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
38	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
								Total:	0.149 %		

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 Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

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

Classification of sample: WS28[2]

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

Sample details

Sample name:
WS28[2]
Sample Depth:
1.0 m
Moisture content:
16%
(no 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 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because Can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.16%)

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.: 0.16%)

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.: 0.16%)

Determinands

Moisture content: 16% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony trioxide }	051-005-00-X	215-175-0	1309-64-4		2.4 mg/kg	1.197	2.873 mg/kg	0.000287 %		
2	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
3	boron { diboron trioxide }	005-008-00-8	215-125-8	1303-86-2	11	0.56 mg/kg	3.22	1.803 mg/kg	0.00018 %		
4	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		2.3 mg/kg	1.142	2.627 mg/kg	0.000263 %		

#	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
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		29 mg/kg	1.462	42.385 mg/kg	0.00424 %		
6	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1		43 mg/kg	1.126	48.413 mg/kg	0.00484 %		
8	lead { lead compounds with the exception of those specified elsewhere in this Annex }	082-001-00-6			1	49 mg/kg		49 mg/kg	0.0049 %		
9	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7		0.13 mg/kg	1.353	0.176 mg/kg	0.0000176 %		
10	molybdenum { molybdenum(VI) oxide }	042-001-00-9	215-204-7	1313-27-5		5.3 mg/kg	1.5	7.951 mg/kg	0.000795 %		
11	nickel { nickel chromate }	028-035-00-7	238-766-5	14721-18-7		56 mg/kg	2.976	166.671 mg/kg	0.0167 %		
12	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5		<0.25 mg/kg	2.554	<0.638 mg/kg	<0.0000638 %		<LOD
13	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		130 mg/kg	1.245	161.813 mg/kg	0.0162 %		
14	TPH (C6 to C40) petroleum group			TPH		1600 mg/kg		1600 mg/kg	0.16 %		
15	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	benzene	601-020-00-8	200-753-7	71-43-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	toluene	601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
18	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
19	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]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
20	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %		<LOD
21	naphthalene	601-052-00-2	202-049-5	91-20-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
22	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
23	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
24	fluorene		201-695-5	86-73-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
25	phenanthrene		201-581-5	85-01-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
26	anthracene		204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
27	fluoranthene		205-912-4	206-44-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
28	pyrene		204-927-3	129-00-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
29	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<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									
30		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
31		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-034-00-4	205-911-9	205-99-2									
32		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-036-00-5	205-916-6	207-08-9									
33		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-032-00-3	200-028-5	50-32-8									
34		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-893-2	193-39-5									
35		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
36		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
			205-883-8	191-24-2									
37		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		604-001-00-2	203-632-7	108-95-2									
38		polychlorobiphenyls; PCB				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		602-039-00-4	215-648-1	1336-36-3									
										Total:	0.211 %		

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

Appendix A: Classifier defined and non EU CLP determinands

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

EU CLP 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 CLP protocols, considers many simple lead compounds to be Carcinogenic category 2
Additional Hazard Statement(s): Carc. 2; H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - 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

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)

EU CLP index number: 601-023-00-4
Description/Comments:
Additional Hazard Statement(s): Carc. 2; H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2; H351 hazard statement sourced from: IARC Group 2B (77) 2000

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

EU CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

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

polychlorobiphenyls; PCB (EC Number: 215-648-1, CAS Number: 1336-36-3)

EU CLP index number: 602-039-00-4
Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans;

POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.
Additional Hazard Statement(s): Carc. 1A; H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A; H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

Appendix B: Rationale for selection of metal species

antimony {antimony trioxide}

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

arsenic {arsenic trioxide}

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

boron {diboron trioxide}

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

cadmium {cadmium oxide}

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

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

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

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

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

copper {dicopper oxide; copper (I) oxide}

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

lead {lead compounds with the exception of those specified elsewhere in this Annex}

Laboratory analysis shows hexavalent chromium is below detection, thus lead chromate is extremely unlikely to have formed.

mercury {mercury dichloride}

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

molybdenum {molybdenum(VI) oxide}

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

nickel {nickel chromate}

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

selenium {nickel selenate}

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

zinc {zinc oxide}

Laboratory analysis shows hexavalent chromium is below detection, thus zinc chromate is extremely unlikely to have formed.

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

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

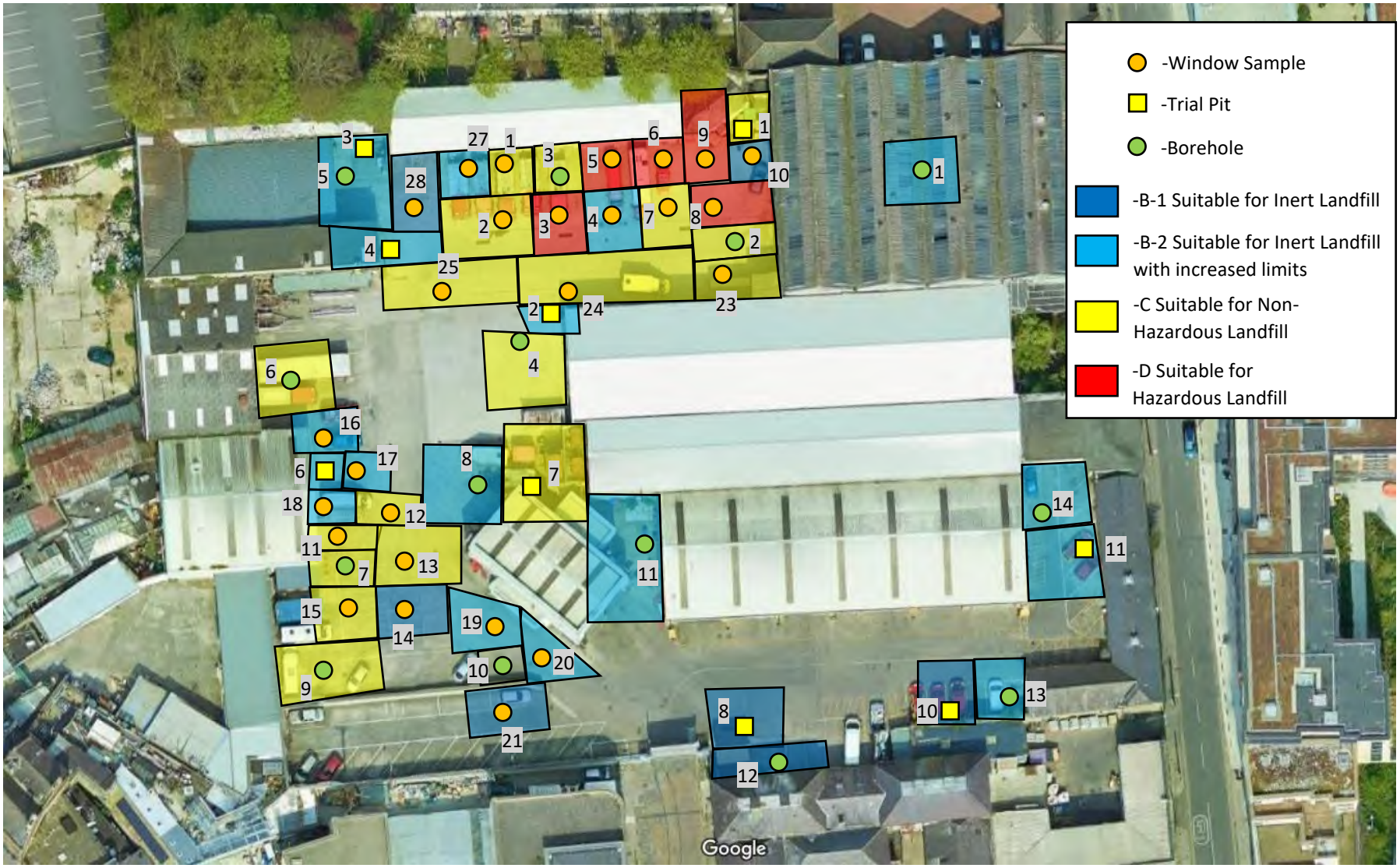
Appendix C: Version

HazWasteOnline Classification Engine: EU WM3 1st Edition v1.1.NI using the EU LoW
HazWasteOnline Classification Engine Version: 2024.158.6092.11254 (06 Jun 2024)
HazWasteOnline Database: 2024.158.6092.11254 (06 Jun 2024)

This classification utilises the following guidance and legislation:
WM3 v1.1.NI - Waste Classification - 1st Edition v1.1.NI - Jan 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
17th ATP - Regulation (EU) 2021/849 of 11 March 2021
18th ATP - Regulation (EU) 2022/692 of 16 February 2022
POPs Amendment 2022 - Regulation (EU) 2022/2400 of 23 November 2022
19th ATP - Regulation (EU) 2023/1434 of 25 April 2023
20th ATP - Regulation (EU) 2023/1435 of 2 May 2023
21st ATP - Regulation (EU) 2024/197 of 19 October 2023

Appendix 4

Excavation Plan



O'Callaghan Moran & Associates,
Unit 15 Melbourne Business Park,
Model Farm Road, Cork.
Tel. (021) 4345366
Email: info@ocallaghanmoran.com

Title:

Excavation Plan 0.00-1.00m

Legend

Client:

IGSL Limited

O'Callaghan Moran & Associates,
Unit 15 Melbourne Business Park,
Model Farm Road, Cork.
Tel. (021) 4345366
Email: info@ocallaghanmoran.com

Title:

Excavation Plan 1.00-2.00m

Legend

Client:

IGSL Limited

O'Callaghan Moran & Associates,
Unit 15 Melbourne Business Park,
Model Farm Road, Cork.
Tel. (021) 4345366
Email: info@ocallaghanmoran.com

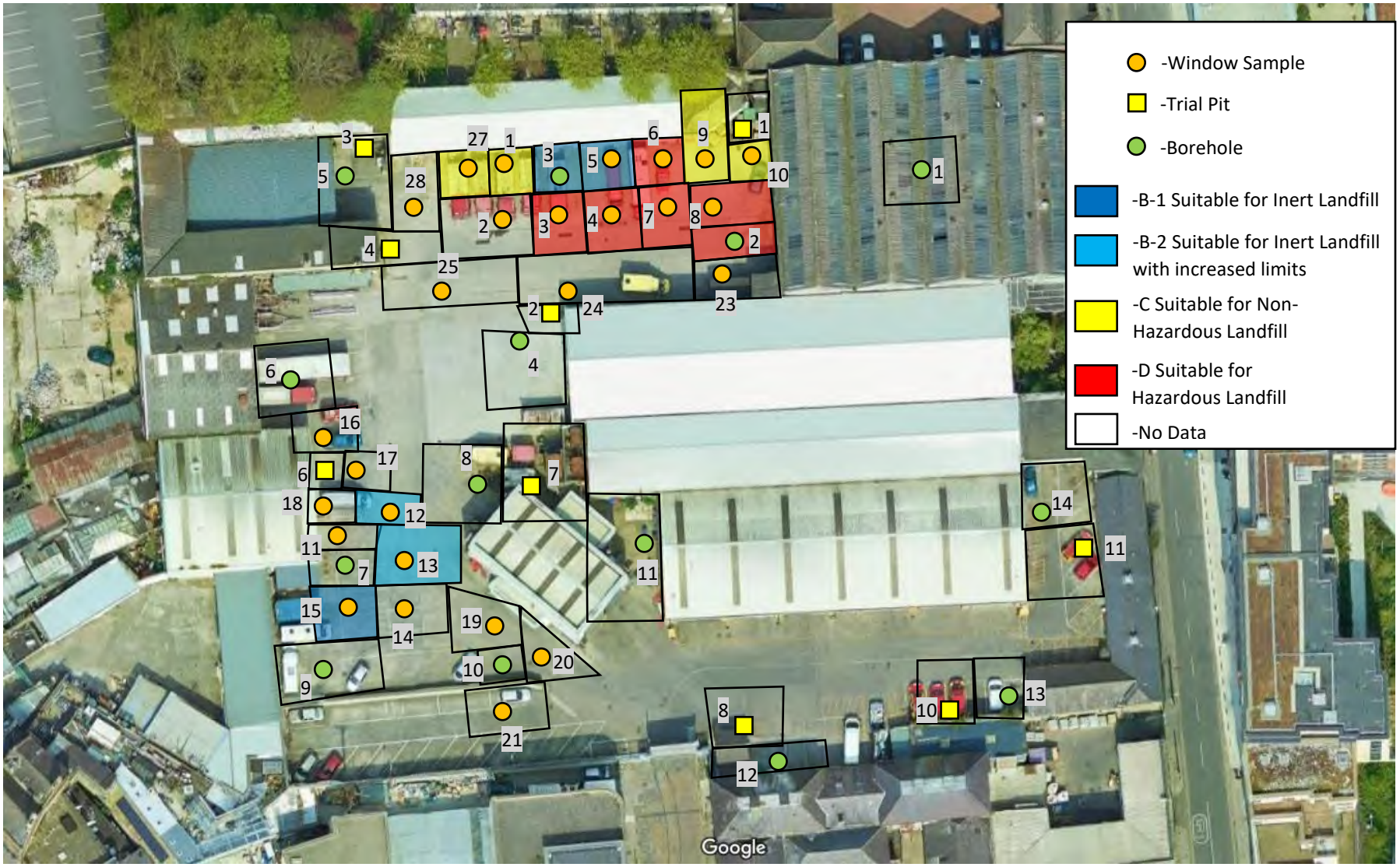
Title:

Excavation Plan 2.00-3.00m

Legend

Client:

IGSL Limited



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Title:

Excavation Plan 3.00-4.00m

Legend

Client:

IGSL Limited