



201250/CB/ED
5 March 2021

Nick Marlow

BY EMAIL ONLY

Dear Nick

ARK SITE A, LONGCROSS FILM STUDIOS, CHERTSEY, KT16 0EE – WASTE MANAGEMENT REPORT

INTRODUCTION

Paragon was instructed by Ark Data Centres Limited, to produce a Waste Management Report following a supplementary ground investigation at Ark Site A, Longcross Film Studios, KT16 0EE. The scope of works was agreed with the vendor (Crest Nicholson) as part of the Sales Agreement and included drilling of 79 shallow boreholes in pre-determined positions. The majority of the boreholes were located in building footprints or in roads. Samples of the Made Ground and natural strata were recovered for chemical testing and the results are presented in this report. These activities were completed prior to construction to check for the presence of possible unforeseen contamination.

BACKGROUND

Paragon have completed the following reports which should be read in conjunction with this report:

- Paragon, 2020. Phase 1 Environmental Risk Assessment. Reference: 20.0576/CB/KJH. Dated: 13 August 2020.
- Paragon, 2019. Phase 2 Site Investigation. Reference: 19.0415/CB/LSG. Dated: 22 August 2019.
- Paragon, 2020. Phase 2 Ground Investigation. Reference: 20.0576/CB/NW. Dated: 14 December 2020.

In summary, the Phase 1 and initial Phase 2 investigation reports document the findings of the initial due diligence investigations. The reports indicated that Made Ground was present onsite and asbestos was identified in samples collected from the slope and the canteen area (Building 100/101). Whilst the investigation did not find gross contamination, the investigation was restricted by a number of constraints and as such, it was recommended that an additional phase of work was undertaken to fill in the data gaps.

The subsequent investigation was completed to assess previously inaccessible areas and obtain geotechnical information for design purposes. The results of the chemical testing found the levels of contaminants within soil and groundwater were low and were considered to be suitable for the proposed end use of the development. Furthermore, results of the preliminary gas risk assessment from the due diligence Phase 2 investigation and the subsequent Phase 2 investigation identified a low risk. Despite this, as large areas of the site were not investigated during the previous investigations due to the presence of buildings and operations at the site, recommendations were made to undertake a watching brief/discovery strategy for previously unidentified contamination.



Based on the above, a discovery strategy was recommended including the drilling of boreholes in areas that were previously inaccessible such as in building footprints and roads.

FIELDWORK

The intrusive investigation was completed between 11 and 15 January 2021 and comprised a total of 90 exploratory holes. This included:

- 90 no. windowless sample boreholes drilled to a maximum depth of 3mbgl;
- Installation of 2 no. monitoring wells; and
- 3 no. gas and groundwater monitoring visits.

A site plan showing the locations of each exploratory hole is provided in Appendix 1. Photographs taken during the investigation are presented in Appendix 2.

The increased number of boreholes from 79 to 90 is a result of re-drilling boreholes that either refused or a service was identified.

Environmental soil samples were tested for a suite of contaminants to assess the risks identified in the previous reports and in accordance with the Sales Agreement. The testing included:

- Heavy metals (arsenic, cadmium, chromium (total and VI), copper, lead, mercury, nickel, selenium and zinc);
- Cyanide;
- Phenols;
- Petroleum Hydrocarbons (PHC) – Total Petroleum hydrocarbons Criteria Working Group (TPH-CWG);
- Benzene, Toluene, Ethylbenzene and Xylene (BTEX);
- Polyaromatic Hydrocarbons (PAH) – Speciated 16;
- Asbestos screen and identification; and
- Total Organic Carbon (TOC), Sulphates and pH.

GOUND CONDITIONS

The ground conditions are described in detail in the logs that are presented within Appendix 3. A summary of the ground conditions is presented in Table 1.

Table 1. Summary of Ground Conditions

Depth From (min/max) mbgl	Depth To (min/max) mbgl	Soil Type	Description
Ground Level	0.05 / 0.5	CONCRETE / MACADAM	Concrete / Macadam
Ground Level / 0.10	0.10 / 2.5	MADE GROUND / CONCRETE	MADE GROUND. Black, gravelly SAND. Gravel comprised fine to coarse angular to sub-rounded brick, concrete and flint. Rare cobbles of angular flint. Occasional roots.
Ground level / 2.5	Unproven	SAND / GRAVEL / SILT	Medium dense, orange brown and grey slightly gravelly silty SAND. Gravel comprised fine to coarse, sub-angular to angular flint. Sand is fine to coarse.

Generally ground conditions comprised concrete between 0.1m and 0.5m thick or tarmac which was typically found to be 0.05m thick. The majority of the concrete was found to be between 0.1m and 0.2m thick. A thin layer of sub-base underlay the hardstanding and typically comprised brick rubble, tarmac or sand. The Made Ground beneath the subbase was variable and typically comprised sand and gravel. The Made Ground was found to be a maximum of 2.5m thick, however it was predominantly <1m thick. The natural deposits were typically encountered from 0.5m below ground level (bgl) and comprised sand, gravel and silt. Groundwater was not identified during drilling.

The Made Ground was found to be its thickest in the area of the canteen (Building 100/101) and at the top of the slope at Building 108. The thickness of Made Ground is been presented in Figure 4, Appendix 1.

A series of cross sections have been prepared. The location is shown in Figure 6, Appendix 1, and the cross sections are presented in Appendix 4.

Various olfactory and visible evidence of contamination was identified within the Made Ground. These predominantly related to black staining or suspected asbestos containing materials. A summary of the findings are presented in Table 2.

Table 2. Summary of Olfactory and Visual Evidence of Contamination

Borehole	Depth (mbgl)	Description
WS72	0.3 – 0.9	Slight hydrocarbon odour and black staining between 0.3mbgl and 0.9mbgl.
WS72	0.9 – 1.5	Slight organic odour between 0.9mbgl and 1.5mbgl.
WS32	0.1 – 0.3	Black staining between 0.1mbgl and 0.3mbgl.
WS50	0.0 – 2.0	Black staining between 0.0mbgl and 0.2mbgl.
WS71	0.0 – 0.3	Suspected asbestos cement between 0.0mbgl and 0.3mbgl.
WS73a	0.2 – 1.0	Suspected asbestos cement between 0.2mbgl and 1.0mbgl.

A number of the boreholes were terminated during the hand inspection pit due to services or very dense ground. These have recorded as suspected services or obstructions. These are summarised in Table 3.

Table 3. Summary of Obstructions

Borehole	Base Depth (mbgl)	Reason
WS02	1.0	Suspected service identified.
WS17	0.2	Obstruction identified.
WS18	0.2	Suspected service identified.
WS23	0.5	Obstruction identified.
WS60	0.2	Obstruction identified.
WS61a	0.5	Suspected service identified.
WS64	0.6	Obstruction identified.
WS69	0.5	Obstruction identified.
WS69a	1.0	Suspected service identified.
WS69b	1.0	Suspected service identified.
WS73	0.5	Obstruction identified.
WS76	0.5	Obstruction identified.
WS76a	0.5	Suspected service identified.



CHEMICAL TESTING

Chemical testing was completed on soil samples from the investigation to determine the concentration of potential contaminants, in line with the Sales Agreement. The results of the soil analysis have been compared to the screening values presented in the Tolerance Schedule to assess the degree of risk. The Generic Assessment Criteria (GAC) within the Sales Agreement are based on C4SLs and S4ULs using a commercial end use. The results are presented in a screening table in Appendix 5 and are summarised below. The laboratory test certificates are also provided in Appendix 5.

The testing involved 79 samples of the Made Ground and 72 samples from the natural strata.

The results found that the majority of concentrations of heavy metals, TPH, BTEX and PAH were below the GAC. A single exceedance of Dibenz(a,h)anthracene was identified in WS66 at 0.2mbg where the concentration identified was 4.2mg/kg. However, this was considered to be marginal as the GAC is 3.6mg/kg. In addition, asbestos was encountered in six locations. The asbestos results are presented in Table 4. Three of the detections had quantifications greater than the GAC. The locations of the asbestos detections is presented in Figure 6, Appendix 1.

Table 4. Asbestos Results (Made Ground Soils)

Borehole	Description	Quantification (%)	GAC (mg/kg)	Exceedance?
WS71	Chrysotile- Hard/Cement Type Material	1.97	<0.001	Yes
WS73a	Chrysotile, Amosite, Crocidolite- Loose Fibres; Chrysotile, Amosite- Loose Fibrous Debris, Chrysotile- Hard/Cement Type Material	0.10	<0.001	Yes
WS72	Chrysotile- Loose Fibres	<0.001	<0.001	No
WS64	Chrysotile - Hard/Cement Type Material	4.02	<0.001	Yes
WS61a	Chrysotile	<0.001	<0.001	No
WS01	Chrysotile	<0.001	<0.001	No

WASTE ASSESSMENT

The results of the 151 samples were assessed using HazWaste Online to determine the waste classification. A total of 144 samples returned a Non-Hazardous classification and 7 returned a hazardous classification.

The sample description was then used to determine what type of material a landfill would classify it as.

A total of 50 samples were submitted for a Waste Acceptance Criteria (WAC) test. This included 43 samples of Made Ground that were likely to be classified as inert waste based on the composition and chemical data, and 7 samples of the Made Ground that were likely to be classified as hazardous waste. The natural samples were not submitted for WAC analysis as they were determined to be inert by definition. Furthermore, the samples that were determined to be Non-Hazardous Made Ground with some degree of contamination were not submitted for a WAC test, as they do not need a WAC certificate to be placed within a Non-Hazardous landfill. The overall results are presented in Table 5 below and a series of figures showing the waste zones are presented in Appendix 1.



Table 5. Waste Assessment

Waste Classification	Number of Samples
Inert Waste Landfill	101
Non-Hazardous Waste Landfill	33
Stable Non-Reactive Hazardous Waste in Non-Hazardous landfill	10
Hazardous Waste	7

CONCLUSIONS AND RECOMMENDATIONS

Paragon have completed a Waste Assessment at Ark Site A, Longcross Film Studios. The results have determined the majority of soil can be classified as inert waste and would be accepted at an inert landfill. Some degree of Made Ground is present onsite and asbestos has been identified. As such, some degree of hazardous and non-hazardous waste removal should be allowed for. However, there are more sustainable options that could be used rather than sending the soil to landfill. These could include careful management of soil onsite so that not all material needs to be landfilled or setting the site up under the CL:AIRE Definition of Waste: Code of Practice (DoWCoP) permitted process. This would involve preparing a Materials Management Plan (MMP) so that the site could be used under the hub and cluster approach. Based on the foregoing, it is recommended that once a contractor is appointed and the scope of groundworks is defined, a Waste Management Plan or Materials Management Plan is prepared.

Yours Sincerely

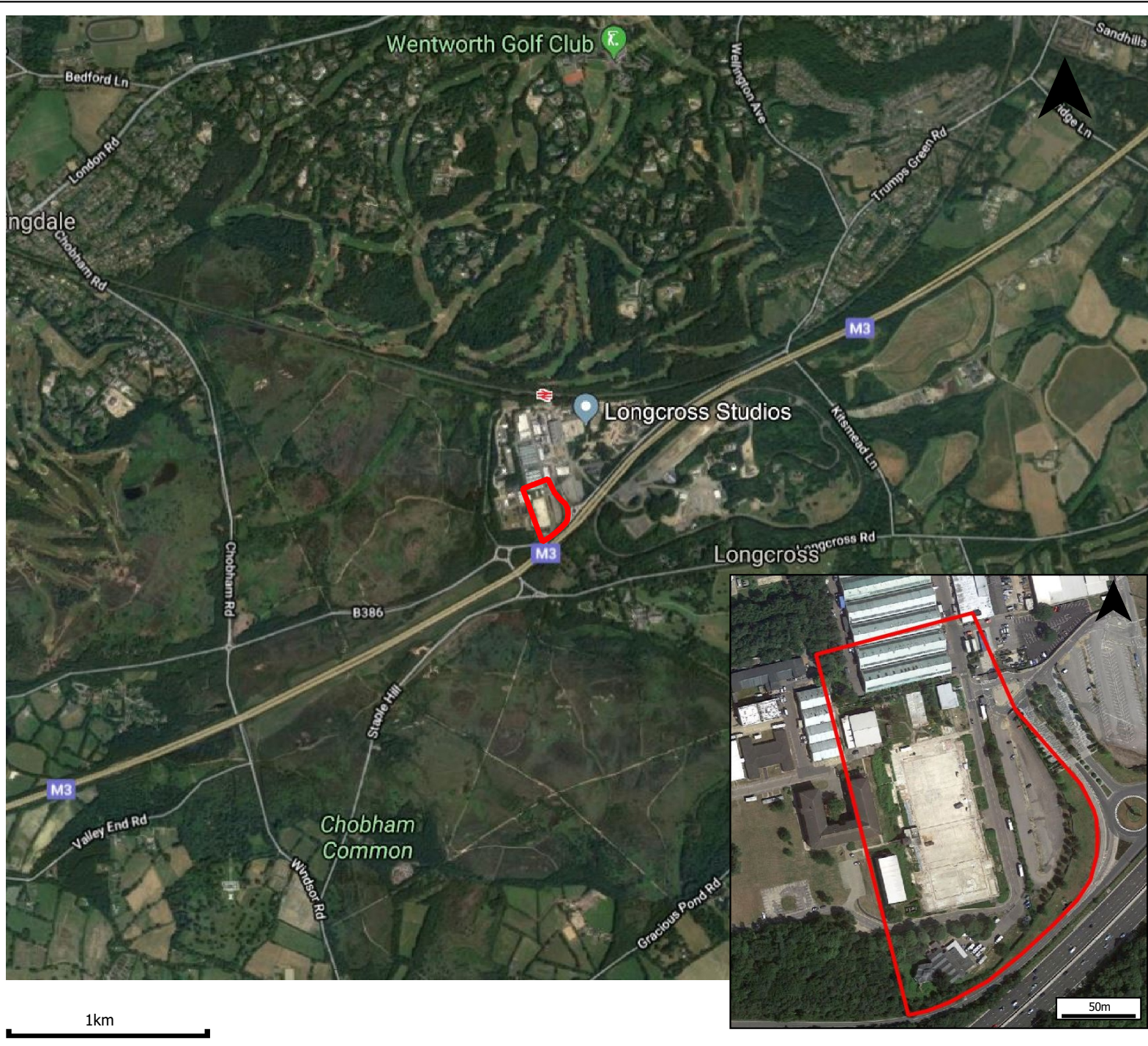
For and on behalf of Paragon Building Consultancy.

Charlie Bruinvels BSc MSc CEnv C.WEM
Senior Environmental Consultant
Paragon
M: 07730096894
E: charliebruinvels@paragonbc.co.uk

Encs: Appendix 1. Figures
Appendix 2. Photos
Appendix 3. Borehole Logs
Appendix 4. Cross Sections
Appendix 5. Chemical Test Results
Appendix 6. HazWaste Online Results
Appendix 7. WAC Test Results
Appendix 8. Summary Data Table
Appendix 9. Extent of Survey and Limitations

CC: Tim Cawood. Director

APPENDIX 1: FIGURES



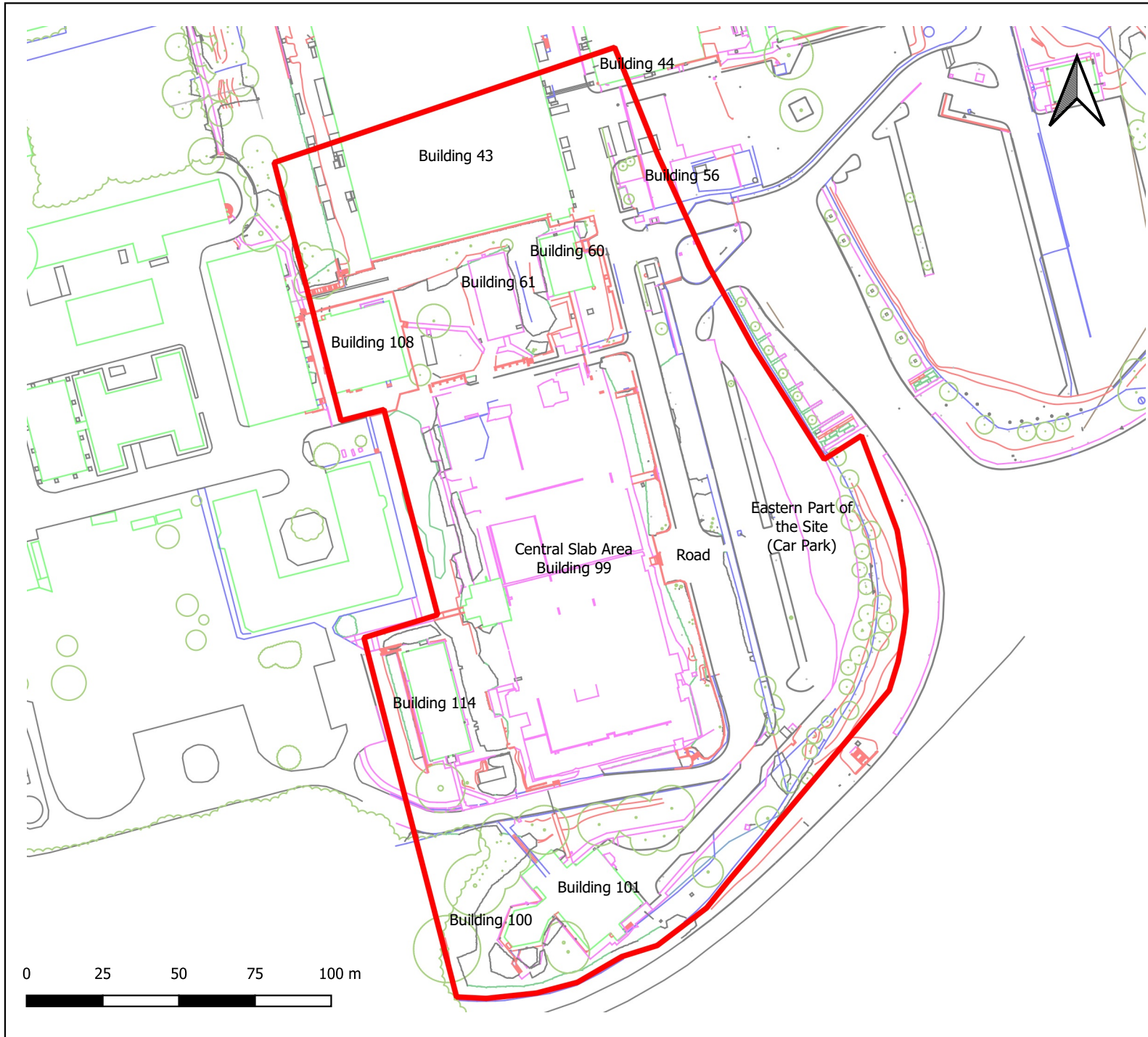
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Key

Site Boundary (Approx)

Rev	Description	Date

Project Longcross Studios	Scale See bar
Drawn by CB	Approved By CK
Title Site Location Plan	Drawing Number 1
Date 11/01/2021	

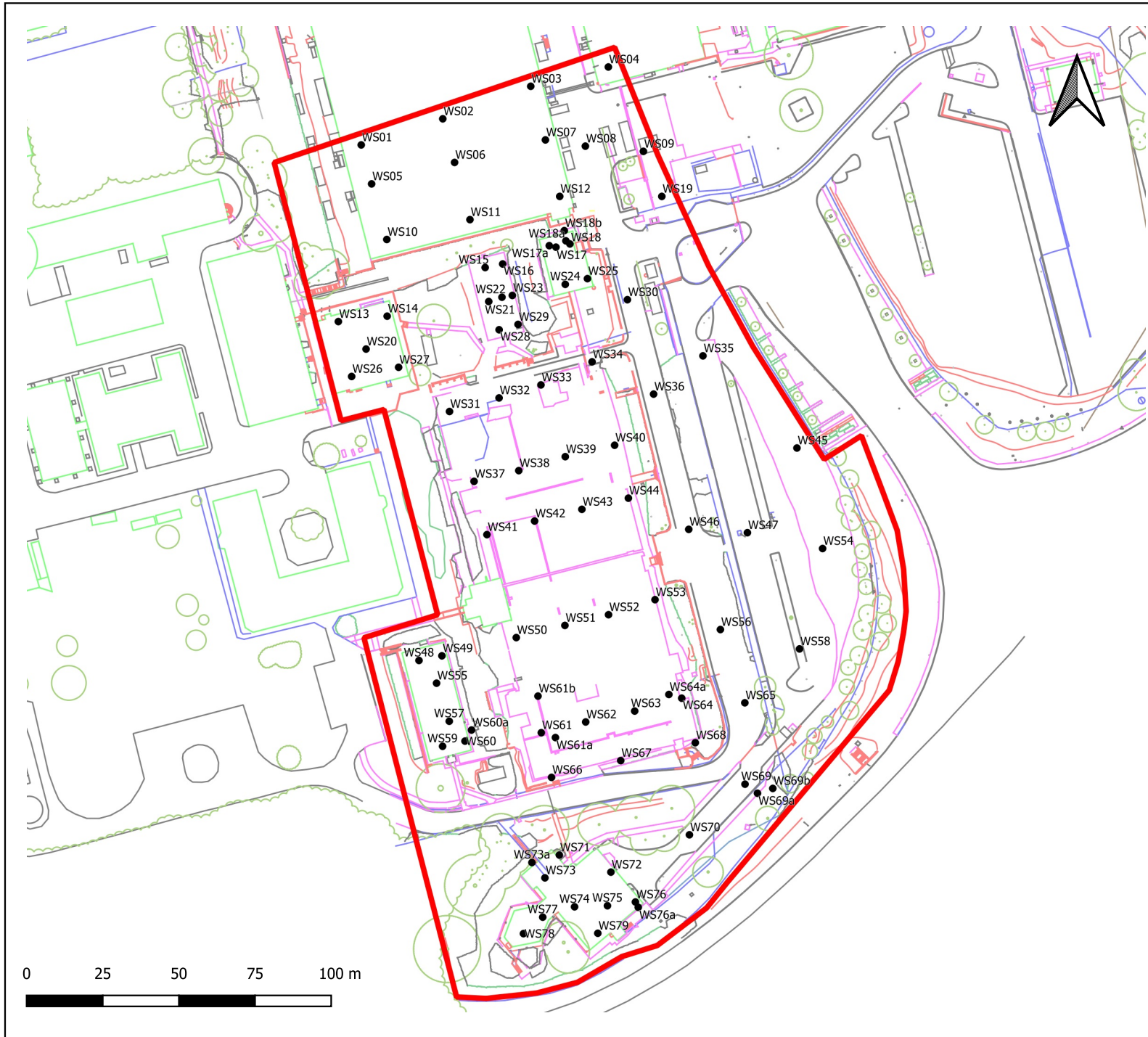


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Notes

Rev	Description	Date

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		Approved By	CK
Drawing Title	Former Building Layout	Drawing Number	2
		Date	11/01/2021

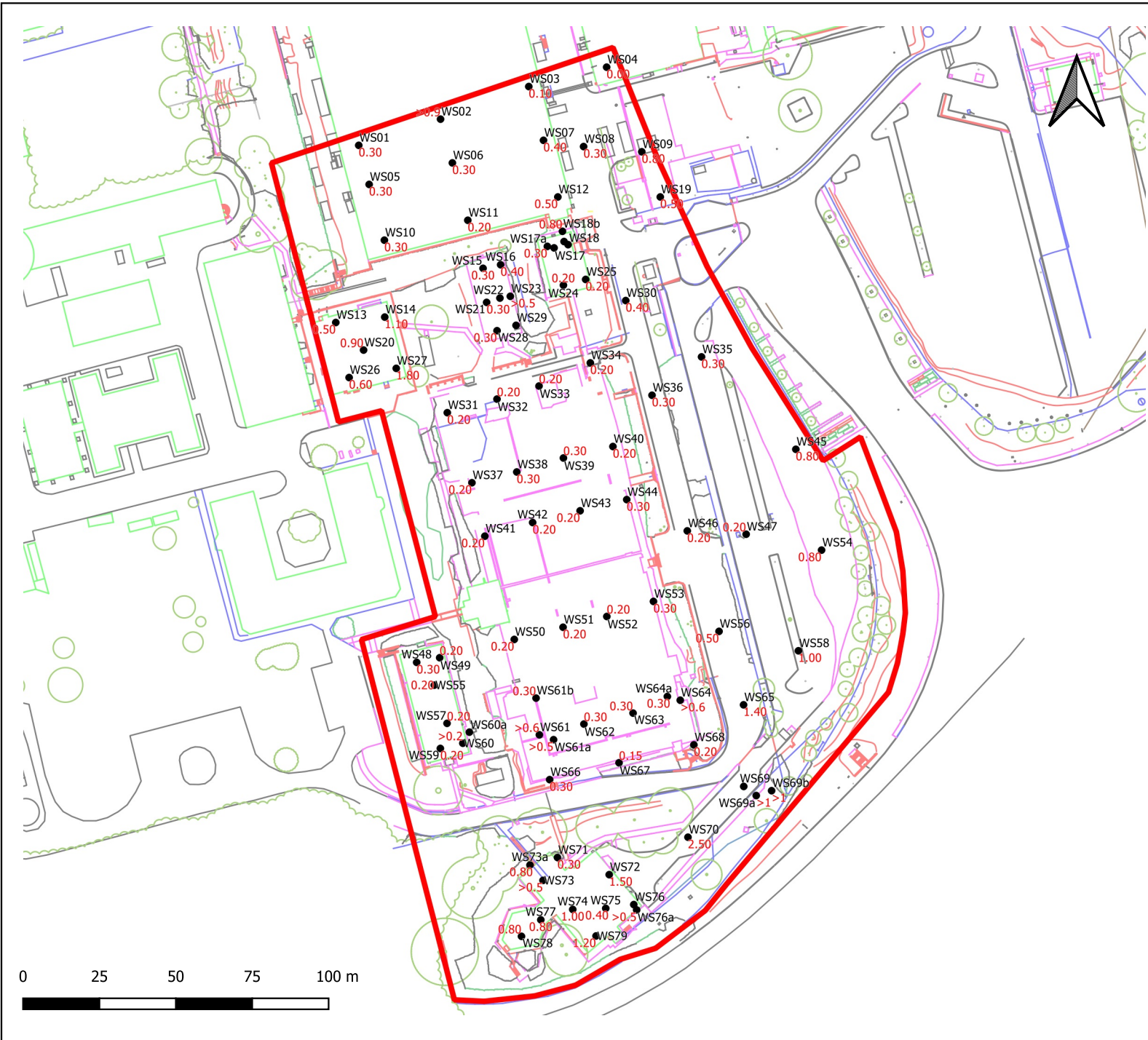


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Notes

Rev	Description	Date

Project	201250 Longcross Studios	Scale	N/A
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		Approved By	CK
Drawing Title	Borehole Locations	Drawing Number	3
		Date	11/01/2021



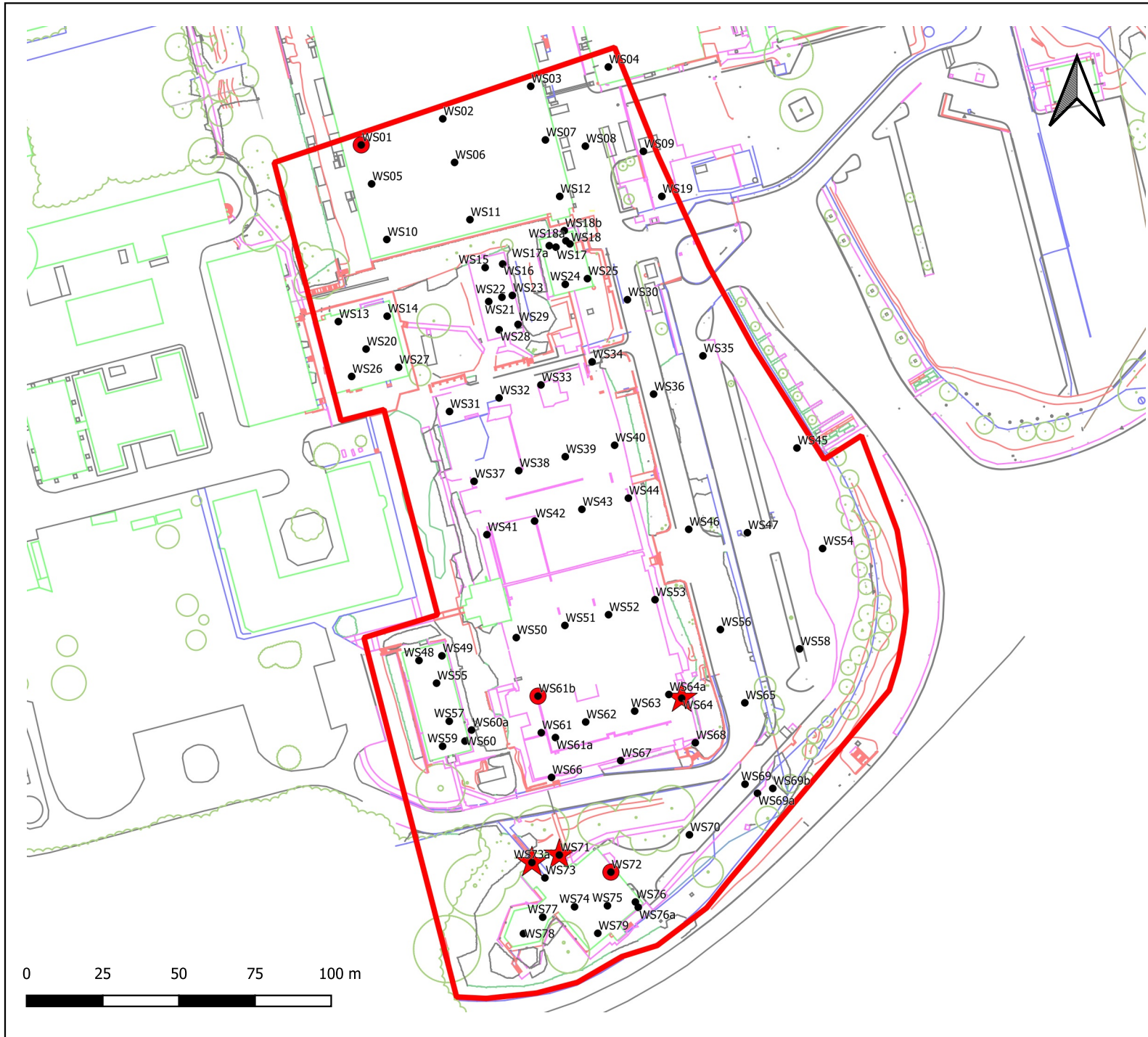
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X.XX Depth to Base of Made Ground (mbgl)

Notes

Rev	Description	Date

Project	201250 Longcross Studios	Scale	N/A
		Drawn by	CB
		Approved By	CK
Drawing Title	Depth to Base of Made Ground	Drawing Number	4
		Date	11/01/2021



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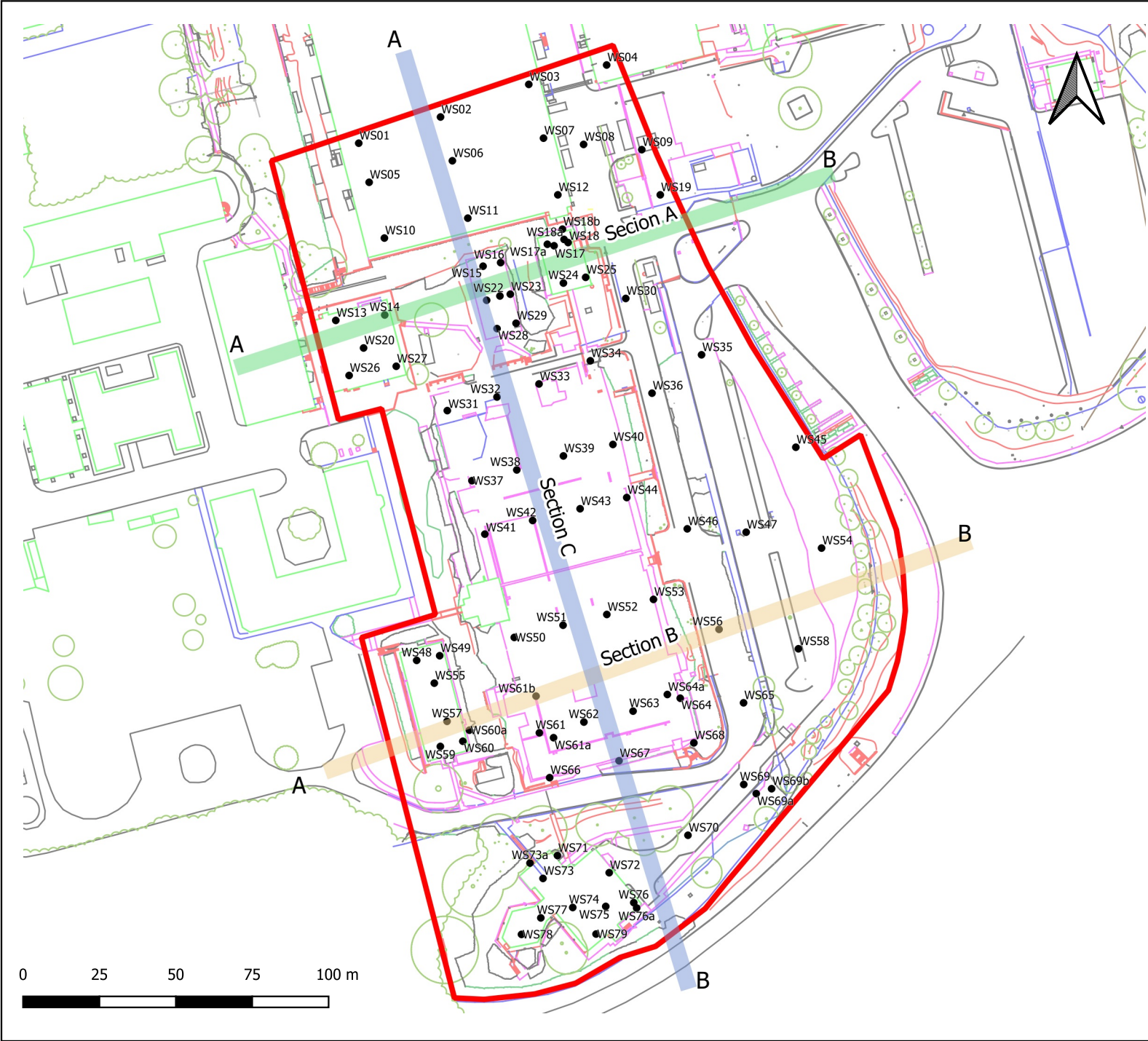
Asbestos Locations

- <0.001%
- ★ >0.001%

Notes

Rev	Description	Date

Project	201250 Longcross Studios	Scale	N/A
		Drawn by	CB
		Approved By	CK
Drawing Title	Asbestos Locations	Drawing Number	5
		Date	11/01/2021



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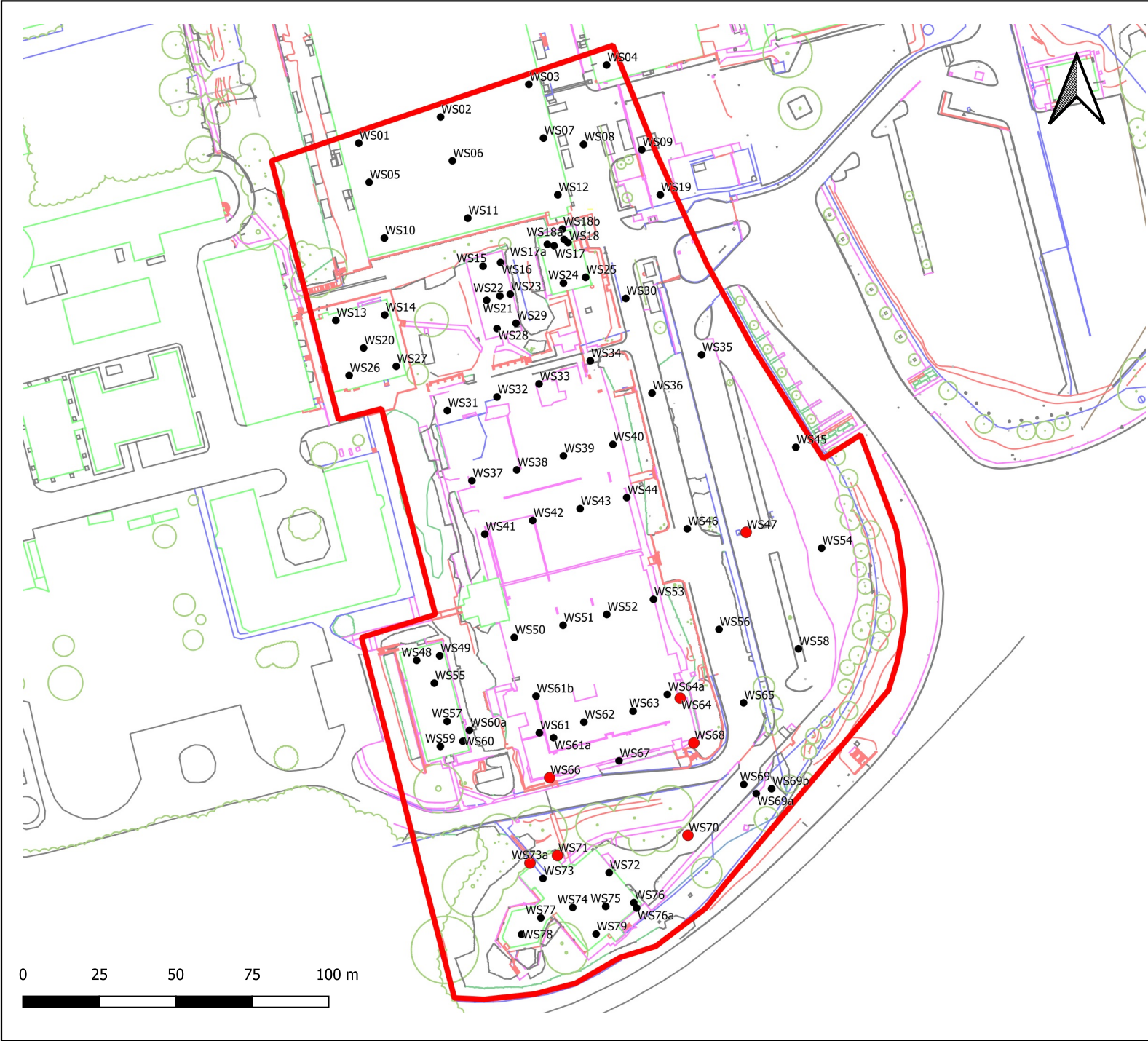
Cross Sections

- Section A
- Section B
- Section C

Notes

Rev	Description	Date

Project	201250 Longcross Studios	Scale	N/A
		Drawn by	CB
		Approved By	CK
Drawing Title	Cross Sections	Drawing Number	6
		Date	11/01/2021



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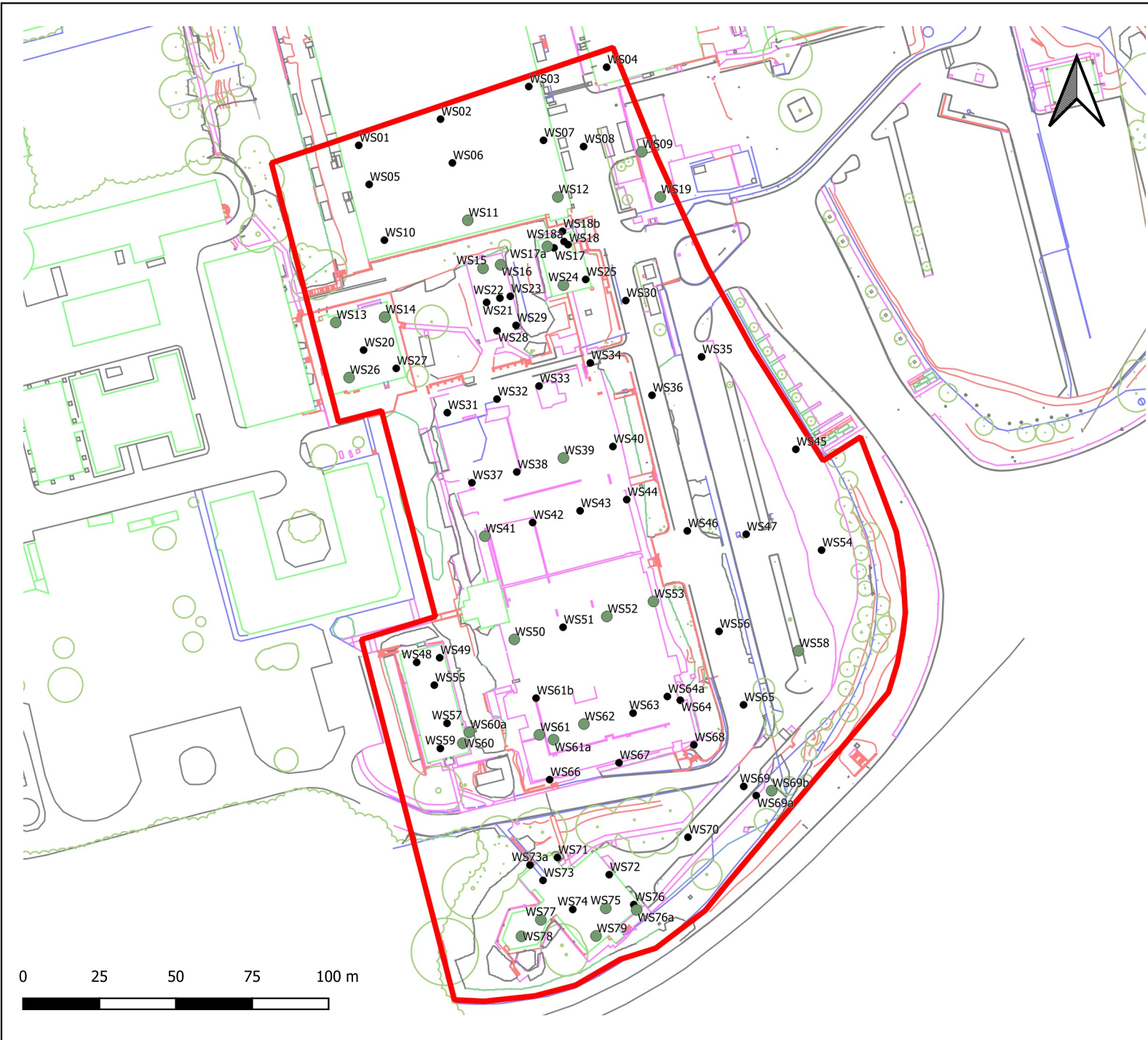
Waste Classification

- Hazardous Waste

Notes

Rev	Description	Date

Project	201250 Longcross Studios	Scale	N/A
		Drawn by	CB
		Approved By	CK
Drawing Title	Hazardous Waste Locations	Drawing Number	7
		Date	03/03/2021



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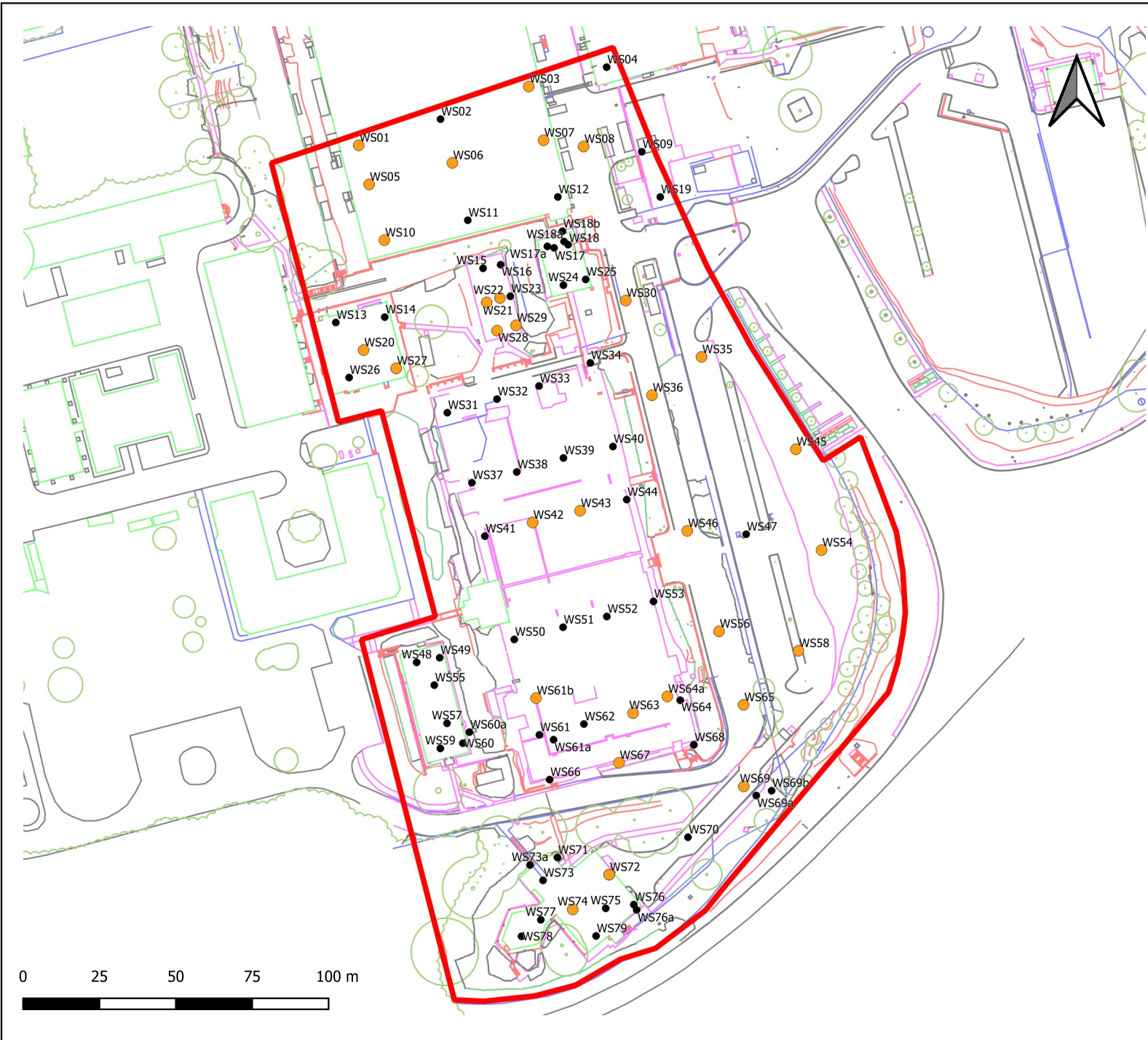
Final Waste Classification

- Inert Made Ground

Notes

Rev	Description	Date

Project	201250 Longcross Studios	Scale	N/A
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		Approved By	CK
Drawing Title	Inert Made Ground Waste Locations	Drawing Number	8
		Date	03/03/2021



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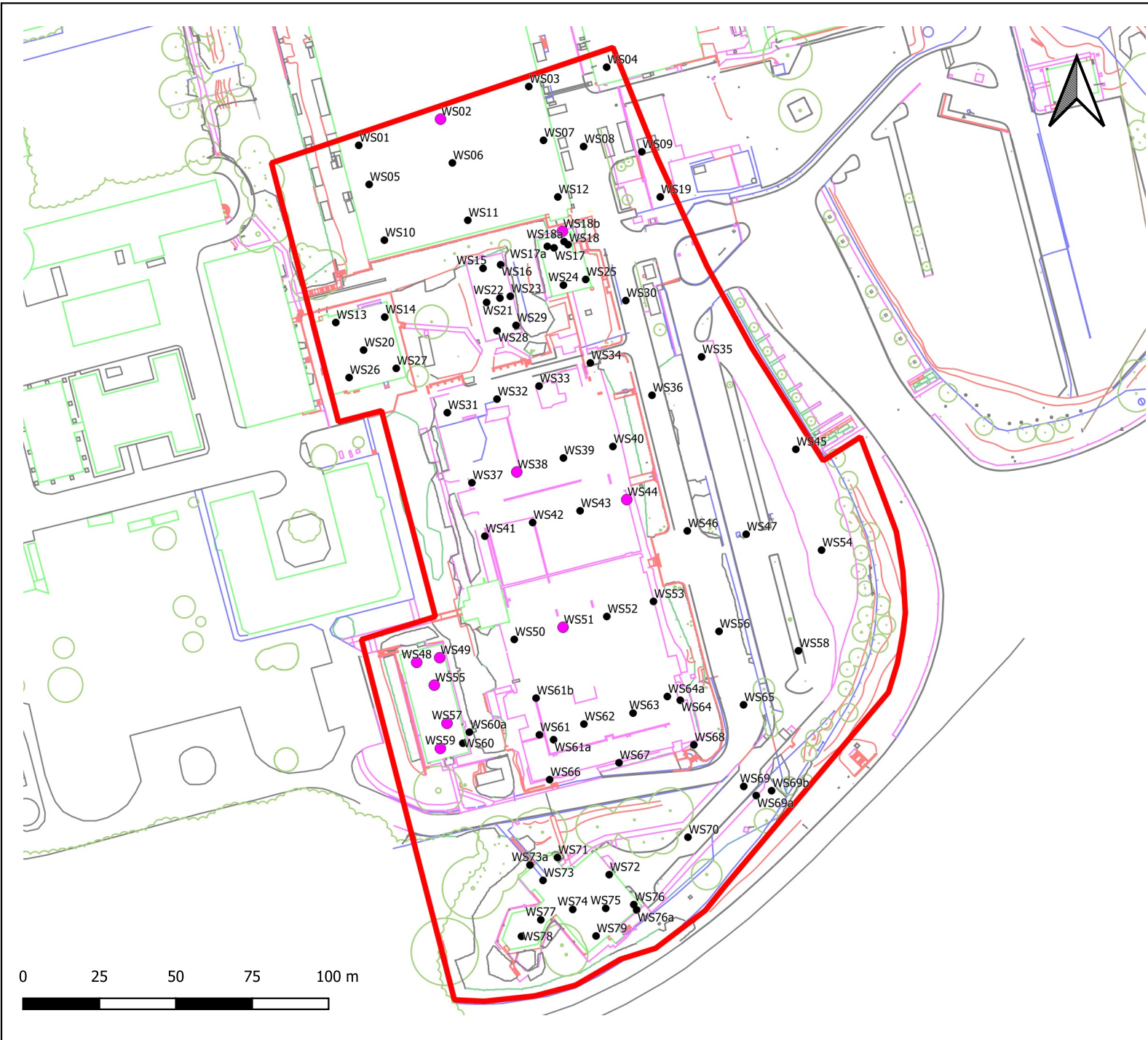
Waste Classification

- Non-Hazardous Made Ground

Notes

Rev	Description	Date

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		Drawn by	CB
		Approved By	CK
Drawing Title	Non-Hazardous Made Ground Waste Locations	Drawing Number	9
		Date	03/03/2021



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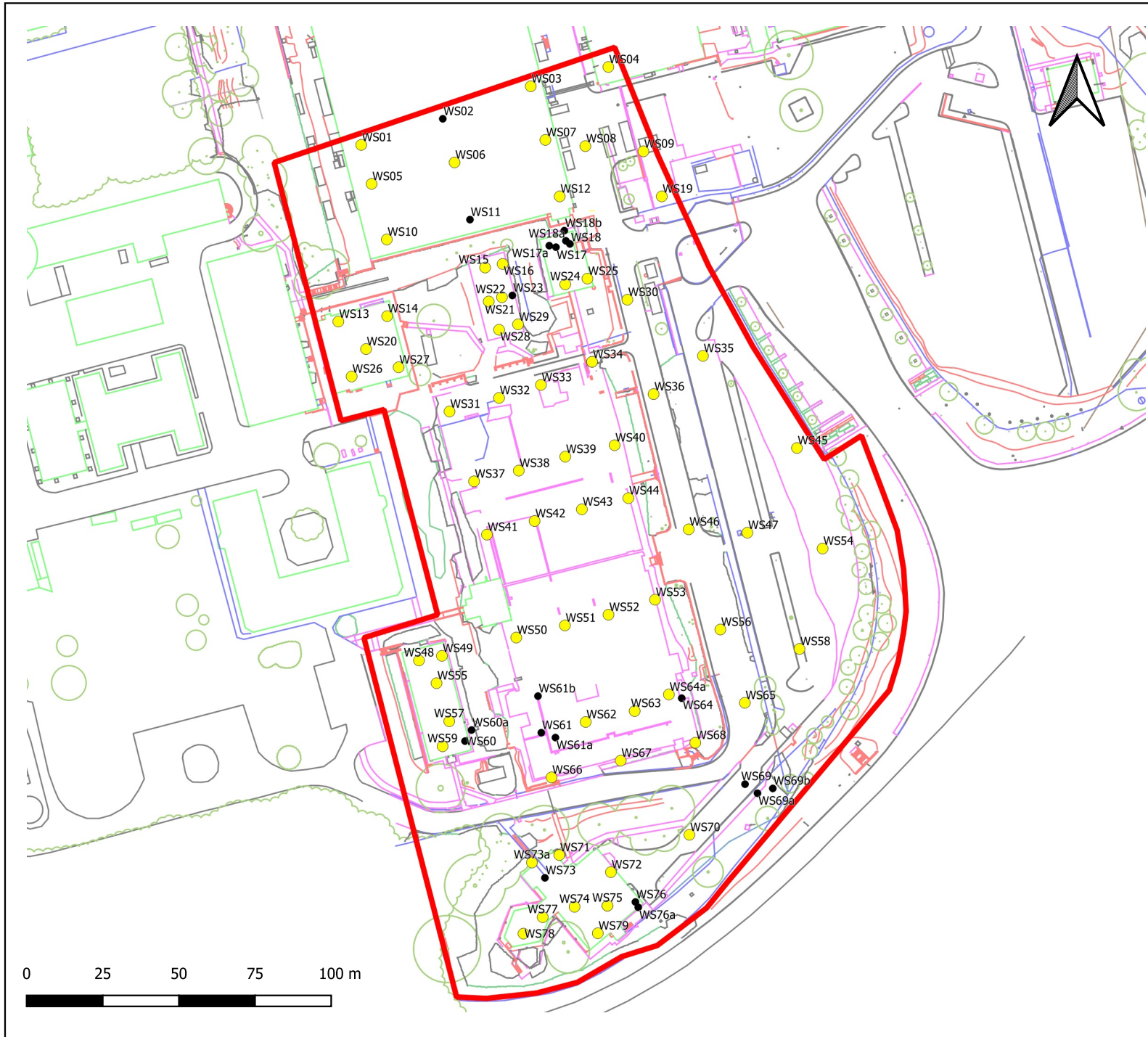
Waste Classification

- Stable Non-Reactive Hazardous Waste

Notes

Rev	Description	Date

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		Drawn by	CB
		Approved By	CK
Drawing Title	Stable Non-Reactive Hazardous Waste Locations	Drawing Number	10
		Date	03/03/2021



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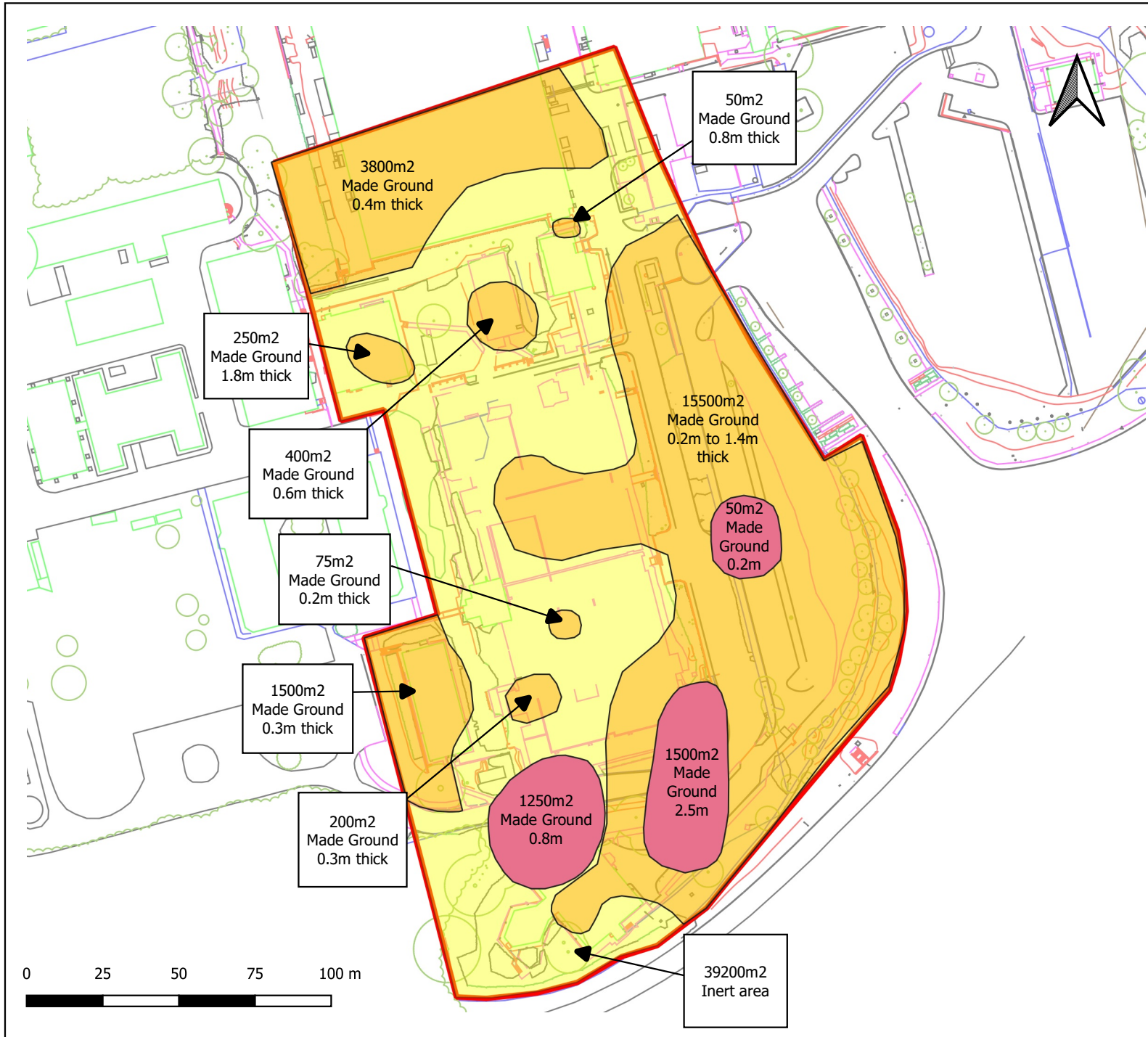
Waste Classification

- Inert Waste

Notes

Rev	Description	Date

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		Drawn by	CB
		Approved By	CK
Drawing Title	Samples Classified as Inert	Drawing Number	11
		Date	03/03/2021



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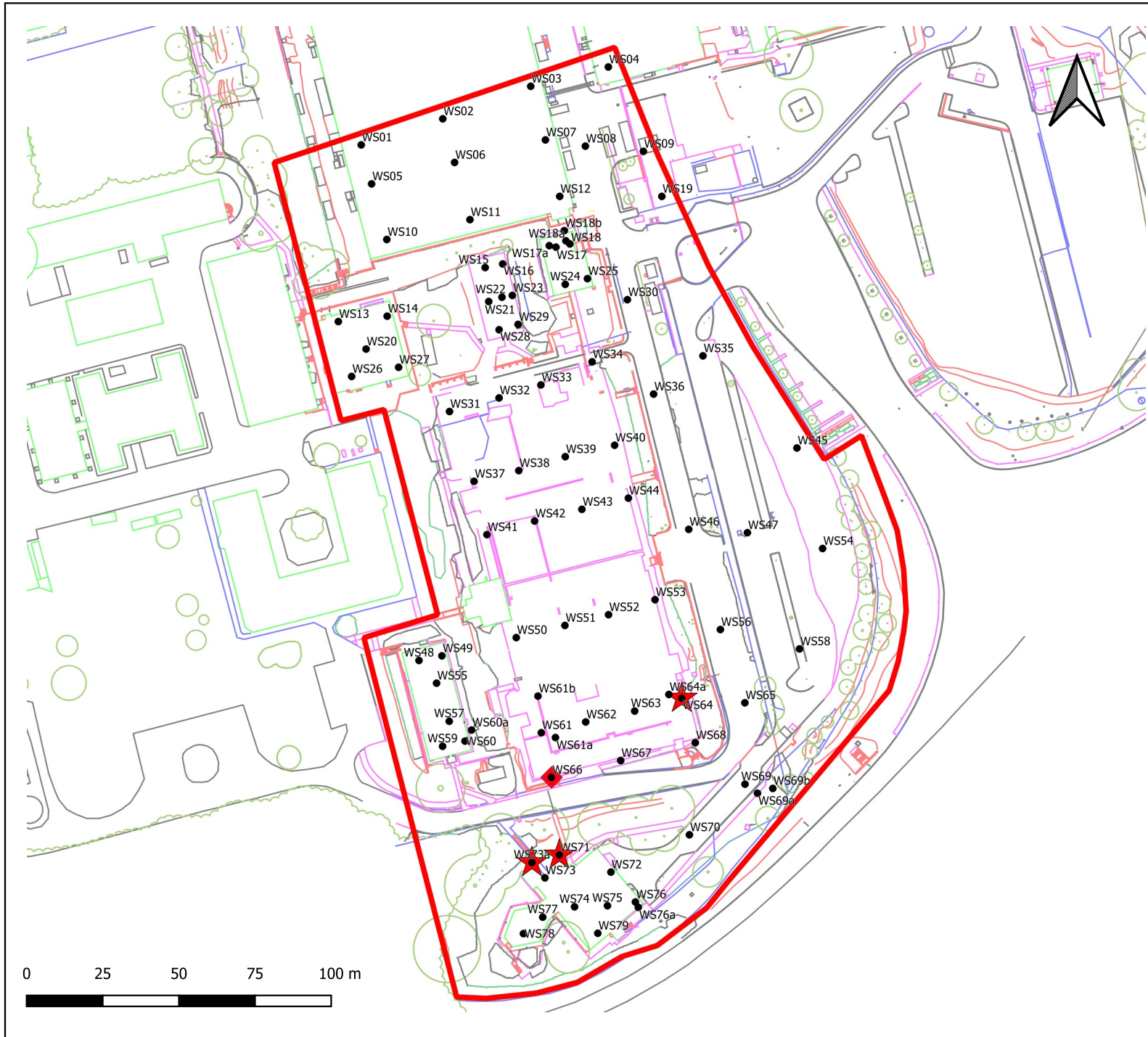
Waste Zones

- Hazardous
- Non-Hazardous
- Inert

Notes

Rev	Description	Date

Project	201250 Longcross Studios	Scale	N/A
		Drawn by	CB
		Approved By	CK
Drawing Title	Waste Zones	Drawing Number	12
		Date	03/03/2021



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Exceedances Identified

- ★ Asbestos (>0.001%)
- ◆ PAH Exceedance

Notes

Polyaromatic Hydrocarbon (PAH) exceedance was noted for Dibenzo(a,h)anthracene.

Rev	Description	Date

Project	201250 Longcross Studios	Scale	N/A
		Drawn by	CB
		Approved By	CK
Drawing Title	Exceedances of the Tolerance Schedule	Drawing Number	13
		Date	03/03/2021

APPENDIX 2: PHOTOS



01: Canteen Area (Building 100-101)



02: Canteen Area (Building 100-101)



03: Central Slab Area



04: Building 114



05: Eastern Part of the site



06: Eastern Part of the site



07: Building 108



08: Building 61



09: Building 60



10: Northern Part of the site (Building 43)



11: Northern Part of the site



12: Northern Part of the site



13: Typical Geology in the Canteen Area (Building 100-101)



14: Typical Geology in the Central Slab Area



15: Typical Geology at Building 114



16: Typical Geology in the Eastern Part of the Site



17: Typical Geology in the Road



18: Typical Geology at Building 108



19: Typical Geology at Building 61



20: Typical Geology at Building 60



21: Typical Geology at Building 43



22: Typical Geology at Building 43



23: Typical Geology at Building 43



24: Typical Geology in the Northern Part of the Site

APPENDIX 3: BOREHOLE LOGS



201250 Longcross Studios
Borehole Summary

Hole ID	Easting	Northing	Ground Level (AGD)	Final Depth (m) (AGD)	Final Depth (m) (AGD)	Drilling Date	Base of Made Ground (m) (AGD)	Made Ground Base (m) (AGD)	Installation Details	General Remarks
W501	497828.60	165657.47	49.874	1.000	48.874	15/01/2021	0.30	49.57	N/A	
W502	497855.35	165666.03	49.856	1.000	48.856	15/01/2021	>0.9	>48.96	N/A	Suspected service identified at 1.0m bgl.
W503	497884.20	165676.70	49.917	1.000	48.917	15/01/2021	0.10	49.82	N/A	
W504	497909.66	165683.04	49.749	1.000	48.749	11/01/2021	0.00	48.75	N/A	
W505	497832.00	165644.68	50.135	1.000	49.135	15/01/2021	0.30	49.84	N/A	
W506	497859.22	165651.72	50.108	3.000	47.108	15/01/2021	0.30	49.81	Response Zone installed between 1.00m bgl and 3.00m bgl	
W507	497889.01	165659.11	50.326	2.000	48.326	15/01/2021	0.40	49.93	N/A	
W508	497902.12	165657.06	50.039	2.000	48.039	12/01/2021	0.30	49.74	N/A	
W509	497921.16	165655.36	49.691	2.000	47.691	11/01/2021	0.80	48.69	N/A	
W510	497936.99	165626.44	50.126	1.000	49.126	15/01/2021	0.30	49.83	N/A	
W511	497864.26	165632.95	50.163	1.000	49.163	14/01/2021	0.20	49.96	N/A	
W512	497893.71	165640.58	50.147	1.000	49.147	14/01/2021	0.50	49.65	N/A	
W513	497821.10	165599.51	55.772	2.000	53.772	13/01/2021	0.50	55.27	N/A	
W514	497837.11	165601.28	55.751	3.000	52.751	13/01/2021	1.10	54.65	N/A	
W515	497869.25	165617.23	52.836	2.000	50.836	13/01/2021	0.30	52.54	N/A	
W516	497875.00	165618.41	52.843	2.000	50.843	14/01/2021	0.40	52.44	N/A	
W517	497891.47	165633.92	51.136	0.200	50.936	14/01/2021	>0.2	>50.94	N/A	Obstruction identified at 0.2m bgl.
W517a	497890.28	165624.41	51.136	1.000	50.136	15/01/2021	0.30	50.84	N/A	
W518	497897.05	165624.97	51.149	0.200	50.949	14/01/2021	>0.2	>50.95	N/A	Service identified at 0.2m bgl.
W518a	497895.74	165626.00	51.149	1.000	50.149	15/01/2021	0.30	50.85	N/A	
W518b	497895.21	165629.34	51.149	1.000	50.149	15/01/2021	0.80	50.35	N/A	
W519	497927.20	165640.58	49.640	2.000	47.640	11/01/2021	0.50	49.14	N/A	
W520	497930.18	165590.49	55.752	2.000	53.752	13/01/2021	0.90	54.85	N/A	
W521	497870.42	165606.09	52.822	2.000	50.822	13/01/2021	0.30	52.52	N/A	
W522	497874.76	165607.50	52.830	2.000	50.830	14/01/2021	0.50	52.33	N/A	
W523	497878.16	165588.08	52.846	0.500	51.346	14/01/2021	>0.5	>52.35	N/A	Obstruction identified at 0.5m bgl.
W524	497895.52	165611.72	51.144	1.000	50.144	14/01/2021	0.20	50.94	N/A	
W525	497902.80	165613.60	51.107	1.000	50.107	14/01/2021	0.20	50.91	N/A	
W526	497825.45	165581.50	55.749	2.000	53.749	13/01/2021	0.60	55.15	N/A	
W527	497846.96	165584.58	55.752	3.000	52.752	13/01/2021	1.80	53.95	Response Zone installed between 0.50m bgl and 3.00m bgl	
W528	497873.82	165596.82	52.851	2.000	50.851	13/01/2021	0.30	52.55	N/A	
W529	497880.04	165598.58	52.839	2.000	50.839	14/01/2021	0.60	52.24	N/A	
W530	497915.90	165606.69	49.996	2.000	47.996	12/01/2021	0.40	49.60	N/A	
W531	497857.56	165570.00	51.477	1.000	50.477	14/01/2021	0.20	51.28	N/A	
W532	497873.81	165574.45	51.447	1.000	50.447	14/01/2021	0.20	51.24	N/A	
W533	497887.55	165578.72	51.288	1.000	50.288	14/01/2021	0.20	51.09	N/A	
W534	497904.32	165586.80	51.007	2.000	49.007	14/01/2021	0.20	50.81	N/A	
W535	497940.69	165588.26	49.454	2.000	47.454	11/01/2021	0.30	49.15	N/A	
W536	497924.50	165578.71	50.042	2.000	48.042	12/01/2021	0.30	49.74	N/A	
W537	497865.61	165547.08	51.456	1.000	50.456	14/01/2021	0.20	51.26	N/A	
W538	497880.27	165550.60	51.478	1.000	50.478	14/01/2021	0.30	51.18	N/A	
W539	497895.52	165555.18	51.459	1.000	50.459	14/01/2021	0.30	51.16	N/A	
W540	497911.71	165558.93	51.444	1.000	50.444	14/01/2021	0.20	51.24	N/A	
W541	497869.63	165558.60	51.447	1.000	50.447	14/01/2021	0.20	51.25	N/A	
W542	497885.47	165534.06	51.452	1.000	50.452	13/01/2021	0.20	51.25	N/A	
W543	497900.98	165537.90	51.453	1.000	50.453	13/01/2021	0.20	51.25	N/A	
W544	497916.23	165541.57	51.485	2.000	49.485	13/01/2021	0.30	51.19	N/A	
W545	497971.52	165558.03	48.714	1.000	47.714	11/01/2021	0.80	47.94	N/A	
W546	497936.02	165531.33	50.029	2.000	48.029	11/01/2021	0.20	49.83	N/A	
W547	497955.27	165530.24	49.271	2.000	47.271	11/01/2021	0.20	49.07	N/A	
W548	497847.55	165488.31	54.984	2.000	52.984	12/01/2021	0.30	54.68	N/A	
W549	497855.07	165489.84	54.912	1.000	51.912	12/01/2021	0.20	54.71	N/A	
W550	497879.45	165495.82	51.400	1.000	50.400	13/01/2021	0.20	51.22	N/A	
W551	497895.41	165499.81	51.449	1.000	50.449	13/01/2021	0.20	51.25	N/A	
W552	497909.72	165503.33	51.438	1.000	50.438	13/01/2021	0.20	51.24	N/A	
W553	497924.97	165508.25	51.452	2.000	49.452	13/01/2021	0.30	51.15	N/A	
W554	497929.93	165525.04	48.702	2.000	46.702	11/01/2021	0.80	47.80	N/A	
W555	497853.31	165480.86	54.941	2.000	52.941	12/01/2021	0.20	54.74	N/A	
W556	497946.41	165498.46	49.931	2.000	47.931	12/01/2021	0.50	49.43	N/A	
W557	497857.47	165468.37	54.982	2.000	52.982	12/01/2021	0.20	54.78	N/A	
W558	497972.36	165492.10	48.969	2.000	46.969	11/01/2021	1.00	47.97	N/A	
W559	497855.29	165460.16	54.961	2.000	52.961	13/01/2021	0.20	54.76	N/A	
W560	497862.63	165461.86	54.974	0.200	54.774	13/01/2021	>0.2	>54.77	N/A	Obstruction identified at 0.2m bgl.
W560a	497864.78	165465.48	54.974	1.000	53.974	13/01/2021	0.80	54.17	N/A	
W561	497887.66	165464.62	51.473	0.600	50.873	13/01/2021	>0.6	>50.87	N/A	Water ingress into starter pit. Deemed unsafe to continue.
W561a	497892.30	165463.02	51.473	0.500	50.873	15/01/2021	>0.5	>50.87	N/A	Service identified at 0.5m bgl.
W561b	497886.58	165476.63	51.473	1.000	50.473	15/01/2021	0.30	51.17	N/A	
W562	497902.23	165468.14	51.463	2.000	49.463	12/01/2021	0.30	51.16	N/A	
W563	497918.30	165471.71	51.455	2.000	49.455	12/01/2021	0.30	51.16	N/A	
W564	497933.72	165475.94	51.446	0.600	50.846	12/01/2021	>0.6	>50.85	N/A	Obstruction identified at 0.6m bgl.
W564a	497929.51	165477.15	51.446	2.000	49.446	14/01/2021	0.30	51.15	N/A	
W565	497954.43	165474.43	49.519	2.000	47.519	12/01/2021	1.40	48.12	N/A	
W566	497891.02	165449.95	51.452	2.000	49.452	12/01/2021	0.30	51.15	N/A	
W567	497913.71	165455.47	51.225	1.500	49.225	12/01/2021	0.15	51.18	N/A	
W568	497938.18	165461.33	51.299	2.000	49.299	12/01/2021	0.20	51.10	N/A	
W569	497954.49	165447.72	49.386	0.500	48.886	11/01/2021	>0.5	>48.89	N/A	Obstruction identified at 0.5m bgl.
W569a	497958.58	165444.74	49.386	1.000	48.386	15/01/2021	>1	>48.39	N/A	Suspected service identified at 1.0m bgl.
W569b	497963.60	165446.33	49.386	1.000	48.386	15/01/2021	>1	>48.39	N/A	Suspected service identified at 1.0m bgl.
W570	497936.25	165431.11	49.795	1.000	48.795	11/01/2021	2.50	47.30	N/A	
W571	497893.58	165424.49	50.154	2.000	48.154	11/01/2021	0.30	49.85	N/A	
W572	497910.50	165418.87	50.174	3.000	47.174	12/01/2021	1.50	48.67	N/A	
W573	497888.85	165416.99	50.225	0.500	49.725	11/01/2021	>0.5	>49.73	N/A	Obstruction identified at 0.5m bgl.
W573a	497884.60	165422.02	50.292	2.000	48.292	11/01/2021	0.80	49.49	N/A	
W574	497898.57	165407.49	50.292	2.000	48.292	11/01/2021	1.00	49.29	N/A	
W575	497909.37	165407.84	50.173	3.000	47.173	11/01/2021	0.40	49.77	N/A	
W576	497918.53	165409.07	50.286	0.300	49.986	11/01/2021	>0.3	>49.99	N/A	Obstruction identified at 0.5m bgl.
W576a	497919.47	165407.31	50.271	0.500	49.771	11/01/2021	>0.5	>49.77	N/A	Terminated due to suspected service at 0.5m bgl.
W577	497888.13	165404.09	50.208	2.000	48.208	11/01/2021	0.80	49.41	N/A	
W578	497881.81	165398.69	50.286	2.000	48.286	11/01/2021	0.80	49.49	N/A	
W579	497906.20	165398.81	50.208	3.000	47.208	11/01/2021	1.20	49.01	N/A	



Borehole Logs:

Building 43



Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 12/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497902.12 N165657.06	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS08	Hole Type WS	Level 50.04m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.05	49.99	[Pattern]	TARMACADAM.	
					0.30	49.74	[Pattern]	MADE GROUND comprising grey and brown, sandy GRAVEL with ash. Gravel comprised fine to coarse, angular tarmacadam and brick. Sand is fine to coarse. (SUB-BASE). Orange, brown and grey SAND. Sand is fine to coarse.	1
					2.00	48.04	[Pattern]	End of Borehole at 2.000m	2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 15/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497859.22 N165651.72	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS06	Hole Type WS	Level 50.11m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.10	50.01	CONCRETE.		
					0.30	49.81	MADE GROUND comprising brown and black sandy clayey GRAVEL. Gravel comprised fine to medium brick and clinker. Sand is fine to coarse ash. Grey, orange and brown SAND. Sand is fine to coarse.		
					1.10	49.01	Orange silty SAND. Sand is fine.	1	
					2.00	48.11	Grey and brown SAND. Sand is coarse.	2	
					3.00	47.11	End of Borehole at 3.000m	3	
								4	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks
Monitoring well installed. Response zone between 1.00mbgl and 3.00mbgl. Bentonite installed between ground level and 1.00mbgl and gravel between 1.00mbgl and 3.00mbgl.





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 15/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497889.01 N165659.11	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS07	Hole Type WS	Level 50.33m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
CONCRETE.					0.10	50.23		
					0.20	50.13	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	
					0.40	49.93	MADE GROUND comprising black and brown sandy GRAVEL of brick and clinker. Sand is fine to coarse ash. Grey SAND. Sand is fine to coarse.	
				2.00	48.33		End of Borehole at 2.000m	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 15/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497828.60 N165657.47	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS01	Hole Type WS	Level 49.87m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.30	49.57	[Pattern]	MADE GROUND comprising black sandy GRAVEL. Gravel comprised fine to coarse, angular to sub-angular brick and concrete. Sand is fine to coarse ash.	
							[Pattern]	Grey SAND. Sand is fine to coarse.	
					1.00	48.87		End of Borehole at 1.000m	1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 15/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497855.35 N165666.03	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS02	Hole Type WS	Level 49.86m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.90	48.96		MADE GROUND comprising red and brown sandy GRAVEL of fine to coarse, angular brick. Sand is fine to coarse ash.	
					1.00	48.86		Orange and brown SAND. Sand is fine to coarse.	1
								End of Borehole at 1.000m	4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks
Suspected service identified at 1.0mbgl.





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 14/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497864.26 N165632.95	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS11	Hole Type WS	Level 50.16m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.10	50.06		CONCRETE.	
					0.20	49.96	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE) Grey silty SAND. Sand is fine.	
					1.00	49.16	[Pattern]	End of Borehole at 1.000m	1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 15/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497836.99 N165626.44	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS10	Hole Type WS	Level 50.13m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.15	49.98	[Pattern]	CONCRETE.	
					0.30	49.83	[Pattern]	MADE GROUND comprising black and orange sandy GRAVEL of fine to coarse, angular brick, concrete and tarmacadam. Sand is coarse. (SUB-BASE) Orange SAND. Sand is fine to coarse.	
					1.00	49.13	[Pattern]	End of Borehole at 1.000m	1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 15/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497832.00 N165644.68	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS05	Hole Type WS	Level 50.14m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.30	49.84	[Pattern]	MADE GROUND comprising brown and black sandy clayey GRAVEL. Gravel comprised fine to medium brick and clinker. Sand is fine to coarse ash.	
					0.40	49.74	[Pattern]	Brown, clayey gravelly SAND. Gravel is fine to coarse, sub-rounded to rounded mixed lithologies. Sand is fine to coarse. Orange and brown SAND. Sand is fine to coarse.	
					1.00	49.14	[Pattern]	End of Borehole at 1.000m	1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 15/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497884.20 N165676.70	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS03	Hole Type WS	Level 49.92m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.10	49.82		MADE GROUND comprising black, grey and brown sandy GRAVEL with fine to coarse, angular to sub-angular brick, concrete and clinker. Sand is fine to coarse ash. Orange and brown SAND. Sand is fine to coarse.	
					1.00	48.92		End of Borehole at 1.000m	1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 14/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497893.71 N165640.58	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS12	Hole Type WS	Level 50.15m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.20	49.95	[Pattern]	CONCRETE.	
					0.30	49.85	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	
					0.50	49.65	[Pattern]	MADE GROUND comprising black gravelly SAND. Gravel comprised fine to coarse angular brick. Sand is fine to coarse.	
							[Pattern]	Brown and orange clayey SAND. Sand is fine to coarse.	
					1.00	49.15		End of Borehole at 1.000m	1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Borehole Logs:

Building 44



Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 11/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497909.66 N165683.04	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS04	Hole Type WS	Level 49.75m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					1.00	48.75	Orange and grey silty SAND. Sand is fine.		
							End of Borehole at 1.000m	1	
								2	
								3	
								4	

Hole Diameter		Casing Diameter		Chiselling			Inclination and Orientation				
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Borehole Logs:

Building 108



Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 13/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497821.10 N165599.51	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS13	Hole Type WS	Level 55.77m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.20	55.57		CONCRETE.	
					0.30	55.47		MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	
					0.50	55.27		MADE GROUND comprising brown sandy GRAVEL of fine to coarse, sub-angular to angular brick and concrete and sub-rounded to rounded flint. Green, orange and brown SAND. Sand is fine to coarse.	
					2.00	53.77		End of Borehole at 2.000m	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 13/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497840.86 N165584.50	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS27	Hole Type WS	Level 55.75m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.20	55.55		CONCRETE.	
					0.30	55.45		MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	
					1.80	53.95		MADE GROUND comprising black sandy GRAVEL. Gravel comprised fine to coarse, sub-angular to angular, brick, concrete, and clinker. Sand is fine to coarse ash. Cobbles of brick and concrete present.	1
					3.00	52.75		Greenish grey and orange SAND. Sand is fine to coarse.	2
							End of Borehole at 3.000m	3	
								4	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks
 Monitoring well installed. Response zone between 0.50mbgl and 1.80mbgl. Bentonite installed between ground level and 0.50mbgl, gravel between 0.50mbgl and 1.80mbgl and bentonite installed between 1.80mbgl and 3.00mbgl.





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 13/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497837.11 N165601.28	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS14	Hole Type WS	Level 55.75m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.20	55.55		CONCRETE.	
					0.30	55.45	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	
					1.10	54.65	[Pattern]	MADE GROUND comprising orange and black sandy GRAVEL of fine to coarse, sub-angular to angular brick and concrete and sub-rounded to rounded flint.	1
							[Pattern]	Green, orange and brown SAND. Sand is fine to coarse.	2
					2.90	52.85	[Pattern]	Grey and orange SILT.	3
				3.00	52.75	[Pattern]	End of Borehole at 3.000m	4	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 13/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497830.18 N165590.49	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS20	Hole Type WS	Level 55.75m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.20	55.55		CONCRETE.	
					0.30	55.45		MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	
								MADE GROUND comprising black and brown sandy GRAVEL of fine to coarse, subangular brick, concrete and clinker with fragments of tile. Cobbles of concrete present.	
					0.90	54.85		Greenish grey and orange SAND. Sand is fine to coarse.	1
					2.00	53.75		<u>Clay lenses at 1.9mbgl.</u>	2
								End of Borehole at 2.000m	3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 13/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497825.45 N165581.50	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS26	Hole Type WS	Level 55.75m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
[Pattern]					0.20	55.55	[Pattern]	CONCRETE.
					0.30	55.45	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)
					0.60	55.15	[Pattern]	MADE GROUND comprising red and brown sandy GRAVEL. Gravel comprised fine to coarse, sub-angular to angular brick.
					2.00	53.75	[Pattern]	Greenish grey and orange SAND. Sand is fine to coarse. <i>Occasional clay lenses between 0.6mbgl and 2.0mbgl.</i>
								End of Borehole at 2.000m

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Borehole Logs:

Building 61



Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 14/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497874.76 N165607.50	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS22	Hole Type WS	Level 52.83m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
CONCRETE.					0.10	52.73		MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE) MADE GROUND comprising black, grey and orange sandy gravel. Gravel comprised fine to coarse, sub-angular to angular, brick and flint. Sand is fine to coarse ash. Orange and grey SAND. Sand is fine to coarse.
					0.20	52.63		
					0.50	52.33		
					2.00	50.83		
							End of Borehole at 2.000m	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 14/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497880.04 N165598.58	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS29	Hole Type WS	Level 52.84m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.10	52.74		CONCRETE.	
					0.20	52.64	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	
					0.60	52.24	[Pattern]	MADE GROUND comprising black, grey and orange sandy GRAVEL. Gravel comprised fine to coarse, sub-angular to angular, brick and flint. Sand is fine to coarse ash.	
					1.00	51.84	[Pattern]	Brown gravelly SAND. Gravel comprised fine to coarse rounded mixed lithologies. Sand is fine to coarse.	1
					2.00	50.84	[Pattern]	Green and orange SAND.	2
							End of Borehole at 2.000m	3	
								4	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 13/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497873.82 N165596.82	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS28	Hole Type WS	Level 52.85m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
[Pattern]					0.10	52.75	[Pattern]	CONCRETE.
					0.30	52.55	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular brick and concrete with fragments of tarmacadam and rounded mixed lithologies. Sand is coarse. (SUB-BASE) Brown and grey SAND. Sand is fine to coarse.
					1.50	51.35	[Pattern]	Grey and brown SILT.
					2.00	50.85	[Pattern]	End of Borehole at 2.000m

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 13/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497870.42 N165606.09	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS21	Hole Type WS	Level 52.82m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.10	52.72	[Pattern]	CONCRETE.	
					0.30	52.52	[Pattern]	MADE GROUND comprising light brown and grey sandy gravel of fine to coarse, angular brick and concrete with fragments of tarmacadam and rounded mixed lithologies. Sand is coarse. (SUB-BASE)	
					0.60	52.22	[Pattern]	Brown sandy GRAVEL. Gravel comprised fine to coarse, sub-angular to round flint. Cobbles of flint present.	
					1.50	51.32	[Pattern]	Grey and brown SILT.	1
					2.00	50.82	[Pattern]	Green and brown mottled SAND. Sand is fine to coarse.	2
							End of Borehole at 2.000m	3	
								4	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks

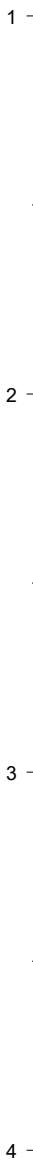




Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 14/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497878.16 N165608.08	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS23	Hole Type WS	Level 52.85m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
[Hatched Pattern]					0.10	52.75	[Dotted Pattern]	CONCRETE.
							[Cross-hatched Pattern]	MADE GROUND comprising black, grey and orange sandy GRAVEL. Gravel comprised fine to coarse, sub-angular to angular, brick and flint. Sand is fine to coarse ash.
					0.50	52.35		End of Borehole at 0.500m



Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks
Obstruction identified at 0.5mbgl.





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 14/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497875.00 N165618.41	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS16	Hole Type WS	Level 52.84m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
[Pattern]					0.10	52.74		CONCRETE.
					0.20	52.64	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)
					0.40	52.44	[Pattern]	MADE GROUND comprising black and brown sandy gravelly CLAY. Gravel comprised fine to coarse, sub-angular to angular brick, flint and concrete. Sand is fine to coarse. Orange and brown SAND. Sand is fine to coarse.
					1.50	51.34	[Pattern]	Grey silty SAND. Sand is fine.
					2.00	50.84	[Pattern]	End of Borehole at 2.000m

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 13/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497869.25 N165617.23	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS15	Hole Type WS	Level 52.84m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
[Pattern]					0.10	52.74	[Pattern]	CONCRETE.
					0.30	52.54	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)
							[Pattern]	Interbedded, green, orange, brown and grey, gravelly, silty SAND. Gravel comprised fine to coarse, sub-rounded flint. Sand is fine to coarse.
					2.00	50.84		End of Borehole at 2.000m

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Borehole Logs:

Building 60



Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 14/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497902.80 N165613.60	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS25	Hole Type WS	Level 51.11m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.10	51.01		CONCRETE.	
					0.20	50.91	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE) Orange SAND. Sand is fine to coarse.	
					1.00	50.11	[Pattern]	End of Borehole at 1.000m	1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 15/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497895.74 N165626.00	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS18a	Hole Type WS	Level 51.15m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.20	50.95		CONCRETE.	
					0.30	50.85		MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	
					1.00	50.15		Orange and grey, sandy GRAVEL of fine to coarse, sub-angular flint. Sand is fine to coarse.	
							End of Borehole at 1.000m		1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 14/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497897.05 N165624.97	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS18	Hole Type WS	Level 51.15m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.10	51.05		CONCRETE.
					0.20	50.95		MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE) End of Borehole at 0.200m
								1
								2
								3
								4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks
Service identified at 0.2mbgl.





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 15/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497890.28 N165624.41	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS17a	Hole Type WS	Level 51.14m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.20	50.94	[Pattern]	CONCRETE.	
					0.30	50.84		MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE) Orange and grey SAND. Sand is fine to coarse.	
					1.00	50.14		End of Borehole at 1.000m	1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks



Percussion Drilling Log

Project Name: Longcross Studios Client: Ark Data Centres Ltd Date: 14/01/2021

Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX Contractor: Oakland Site Investigation Ltd Co-ords: E497892.47 N165623.92

Project No. : 201250 Crew Name: Drilling Equipment:

Borehole Number WS17	Hole Type WS	Level 51.14m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1
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Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.10	51.04	CONCRETE.	
					0.20	50.94	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE) End of Borehole at 0.200m	
								1
								2
								3
								4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks
Obstruction identified at 0.2mbgl.



Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 15/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497895.21 N165629.34	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS18b	Hole Type WS	Level 51.15m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.05	51.10		PAVING SLAB.	
					0.10	51.05		MADE GROUND comprising orange SAND. Sand is coarse.	
								MADE GROUND comprising black and brown sandy GRAVEL of fine to coarse, sub-angular to angular brick and concrete and fine to coarse, rounded mixed lithologies. Sand is fine to coarse ash.	
					0.80	50.35		Orange and grey, sandy GRAVEL of fine to coarse, sub-angular flint. Sand is fine to coarse.	
				1.00	50.15		End of Borehole at 1.000m	1	
								2	
								3	
								4	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 14/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497895.52 N165611.72	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS24	Hole Type WS	Level 51.14m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.10	51.04		CONCRETE.	
					0.20	50.94	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE) Orange SAND. Sand is fine to coarse.	
					1.00	50.14	[Pattern]	End of Borehole at 1.000m	1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Borehole Logs:

Building 56



Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 11/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497921.16 N165655.36	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS09	Hole Type WS	Level 49.69m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.80	48.89	[Pattern]	MADE GROUND comprising grey and brown gravelly SAND. Gravel comprised fine to coarse sub-angular flint and brick. Sand is fine to coarse.	1
							[Pattern]	Orange, brown and grey SAND. Sand is fine to coarse.	2
					2.00	47.69		End of Borehole at 2.000m	3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 11/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497927.20 N165640.58	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS19	Hole Type WS	Level 49.64m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.50	49.14	[Pattern]	MADE GROUND comprising black and brown sandy GRAVEL of fine to coarse, subangular brick. Sand is fine to coarse.	
					1.00	48.64	[Pattern]	Green, orange and brown gravelly SAND. Gravel comprised fine to coarse, subangular brick. Sand is fine to coarse.	1
					1.50	48.14	[Pattern]	Orange, brown and grey SAND. Sand is fine to coarse.	
					2.00	47.64	[Pattern]	Grey silty SAND. Sand is fine.	
							End of Borehole at 2.000m		2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Borehole Logs:

Building 99 (Central Slab Area)



Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 12/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497938.18 N165461.33	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS68	Hole Type WS	Level 51.30m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
[Pattern]					0.10	51.20		TARMACADAM.
					0.20	51.10	[Pattern]	MADE GROUND comprising grey and brown, sandy GRAVEL. Gravel comprised fine to coarse, angular tarmacadam and brick. Sand is fine to coarse. (SUB-BASE). Grey, brown and orange mottled, silty SAND. Sand is fine.
					2.00	49.30	[Pattern]	End of Borehole at 2.000m

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 13/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497924.97 N165508.25	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS53	Hole Type WS	Level 51.45m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
CONCRETE.					0.10	51.35	MADE GROUND comprising black, brown, orange and grey, gravelly, sandy CLAY. Gravel is fine to coarse, sub-angular to angular brick and sub-rounded to rounded flint.	MADE GROUND comprising black, brown, orange and grey, gravelly, sandy CLAY. Gravel is fine to coarse, sub-angular to angular brick and sub-rounded to rounded flint. Orange and brown SAND. Sand is fine to coarse.
				0.20	51.25			
				0.30	51.15			
				2.00	49.45		End of Borehole at 2.000m	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 15/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497886.58 N165476.63	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS61b	Hole Type WS	Level 51.47m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.30	51.17	[Pattern]	MADE GROUND comprising brown and black, gravelly SAND. Gravel comprised fine to coarse, sub-angular to angular brick and concrete. Sand is fine to coarse. Cobbles of brick and fragments of wood present.	
					1.00	50.47	[Pattern]	Grey SILT.	
								End of Borehole at 1.000m	1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 14/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497887.55 N165578.72	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS33	Hole Type WS	Level 51.29m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.10	51.19		CONCRETE.	
					0.20	51.09		MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete and clinker. Sand is coarse. (SUB-BASE) Orange and brown SAND. Sand is fine to coarse.	
					1.00	50.29		End of Borehole at 1.000m	1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 14/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497873.81 N165574.45	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS32	Hole Type WS	Level 51.44m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.10	51.34		CONCRETE.	
					0.20	51.24	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE) <i>Black staining between 0.1mbgl and 0.3mbgl.</i> Orange and brown SAND. Sand is fine to coarse.	
					1.00	50.44	[Pattern]	End of Borehole at 1.000m	1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 14/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497857.56 N165570.00	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS31	Hole Type WS	Level 51.48m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.10	51.38		CONCRETE.	
					0.20	51.28	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE) Grey, silty SAND. Sand is fine.	
					1.00	50.48	[Pattern]	End of Borehole at 1.000m	1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 12/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497891.02 N165449.95	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS66	Hole Type WS	Level 51.45m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.05	51.40	[Pattern]	TARMACADAM. MADE GROUND. Black and dark brown, sandy GRAVEL comprising fine to coarse, sub-angular brick and concrete. Sand is fine to coarse.	
					0.30	51.15	[Pattern]	Brown and grey mottled slightly gravelly, silty SAND. Gravel comprised coarse, rounded flint. Sand is fine to coarse.	
					2.00	49.45		End of Borehole at 2.000m	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 12/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497918.30 N165471.71	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS63	Hole Type WS	Level 51.46m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
[Pattern]					0.20	51.26	[Pattern]	TARMACADAM.
					0.30	51.16		MADE GROUND comprising grey and brown, sandy GRAVEL. Gravel comprised fine to coarse, angular tarmacadam, concrete and brick. Sand is fine to coarse. (SUB-BASE). Brown, orange and grey SAND. Sand is fine to coarse.
					2.00	49.46		End of Borehole at 2.000m

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 12/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497902.23 N165468.14	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS62	Hole Type WS	Level 51.46m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.15	51.31	[Pattern]	CONCRETE.	
					0.30	51.16	[Pattern]	MADE GROUND comprising grey and brown, sandy GRAVEL. Gravel comprised fine to coarse, angular concrete. Sand is fine to coarse. (SUB-BASE). Brown gravelly SAND. Gravel comprised fine to coarse, sub-rounded flint. Sand is fine to coarse.	1
					1.30	50.16	[Pattern]	Grey SILTSTONE.	
					2.00	49.46	[Pattern]	End of Borehole at 2.000m	2

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 12/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497913.71 N165455.47	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS67	Hole Type WS	Level 51.32m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
[Pattern]					0.05	51.28	[Pattern]	TARMACADAM.
					0.15	51.18	[Pattern]	MADE GROUND comprising grey and brown, sandy GRAVEL. Gravel comprised fine to coarse, angular tarmacadam, clinker, ash and brick. Sand is fine to coarse. (SUB-BASE)
							[Pattern]	Brown, orange and grey SAND. Sand is fine to coarse.
					1.50	49.82		End of Borehole at 1.500m

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 13/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497916.23 N165541.57	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS44	Hole Type WS	Level 51.48m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.10	51.38		CONCRETE.	
					0.30	51.18		MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	
								Orange and grey SAND. Sand is fine to coarse.	1
					1.20	50.28		Grey and orange silty SAND. Sand is fine.	
				2.00	49.48		End of Borehole at 2.000m	2	
								3	
								4	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 13/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497909.72 N165503.33	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS52	Hole Type WS	Level 51.44m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.20	51.24	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	
					0.80	50.64	[Pattern]	Brown and orange SAND. Sand is fine to coarse. Occasional clay lenses between 0.2mbgl and 0.8mbgl.	
					1.00	50.44	[Pattern]	Grey SILT.	
								End of Borehole at 1.000m	1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 14/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497865.61 N165547.08	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS37	Hole Type WS	Level 51.46m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.10	51.36		CONCRETE.	
					0.20	51.26	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE) Grey and orange, silty SAND. Sand is fine.	
					1.00	50.46	[Pattern]	End of Borehole at 1.000m	1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 13/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497879.45 N165495.82	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS50	Hole Type WS	Level 51.42m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.20	51.22	[Pattern]	MADE GROUND comprising brown gravelly SAND. Gravel comprised fine to coarse, angular brick and concrete with sub-rounded flint.	
								[Pattern]	<i>Black staining between 0.0mbgl and 0.2mbgl.</i> Grey SILT. <i>Occasional sand lenses between 0.2mbgl and 1.0mbgl.</i>
					1.00	50.42		End of Borehole at 1.000m	1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 13/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497885.47 N165534.06	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS42	Hole Type WS	Level 51.45m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.10	51.35	[Pattern]	CONCRETE.	
					0.20	51.25	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete with occasional black tarmacadam. Sand is coarse. (SUB-BASE)	
					1.00	50.45	[Pattern]	Grey and orange SILT.	
							End of Borehole at 1.000m		1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 12/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497933.72 N165475.94	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS64	Hole Type WS	Level 51.45m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.60	50.85	MADE GROUND comprising brown and grey, sandy GRAVEL. Gravel is fine to coarse, angular brick and concrete, and sub-rounded flint with fragments of glass and suspected asbestos cement.		
							End of Borehole at 0.600m		
								1	
								2	
								3	
								4	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks
Obstruction identified at 0.6mbgl.





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 14/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497929.51 N165477.15	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS64a	Hole Type WS	Level 51.45m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
[Pattern]					0.10	51.35		CONCRETE.
					0.30	51.15		MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)
								Brown SAND. Sand is fine to coarse.
					2.00	49.45		End of Borehole at 2.000m

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 14/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497904.32 N165586.30	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS34	Hole Type WS	Level 51.01m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
CONCRETE					0.10	50.91		CONCRETE.	
					0.20	50.81	MADE GROUND	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete and clinker. Sand is coarse. (SUB-BASE)	
					1.10	49.91	GRAVEL	Grey and brown sandy GRAVEL. Gravel is fine to coarse, sub-rounded to angular mixed lithologies. Sand is fine to coarse.	1
					2.00	49.01	SAND	Orange and brown SAND. Sand is fine to coarse.	2
								End of Borehole at 2.000m	4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 13/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497895.41 N165499.81	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS51	Hole Type WS	Level 51.45m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.10	51.35	[Pattern]	CONCRETE.	
					0.20	51.25	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE) Grey SILT.	
					1.00	50.45	[Pattern]	End of Borehole at 1.000m	1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 14/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497911.71 N165558.93	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS40	Hole Type WS	Level 51.44m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.10	51.34		CONCRETE.	
					0.20	51.24	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE) Grey and orange SAND. Sand is fine to coarse.	
					1.00	50.44	[Pattern]	End of Borehole at 1.000m	1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 13/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497900.98 N165537.90	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS43	Hole Type WS	Level 51.45m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.10	51.35	[Pattern]	CONCRETE.	
					0.20	51.25	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete with occasional black tarmacadam. Sand is coarse. (SUB-BASE)	
					1.00	50.45	[Pattern]	Grey and orange SILT.	
								End of Borehole at 1.000m	1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 14/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497880.27 N165550.60	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS38	Hole Type WS	Level 51.48m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.10	51.38	[Pattern]	CONCRETE.	
					0.30	51.18	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	
							[Pattern]	Grey and orange, silty SAND. Sand is fine.	
					1.00	50.48		End of Borehole at 1.000m	1
								2	
								3	
								4	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 13/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497869.83 N165529.60	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS41	Hole Type WS	Level 51.45m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.10	51.35		CONCRETE.	
					0.20	51.25	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE) Grey and orange SAND. Sand is fine to coarse.	
					1.00	50.45	[Pattern]	End of Borehole at 1.000m	1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks

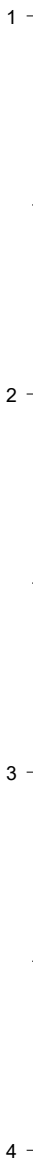




Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 13/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497887.66 N165464.62	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS61	Hole Type WS	Level 51.47m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
[Pattern]					0.20	51.27		CONCRETE.
					0.30	51.17		MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)
					0.60	50.87		MADE GROUND comprising brown sandy gravelly CLAY. Gravel comprised fine to coarse, angular brick and sub-rounded flint.
							End of Borehole at 0.600m	



Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks
Water ingress into starter pit. Deemed unsafe to continue.





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 14/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497895.52 N165555.18	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS39	Hole Type WS	Level 51.46m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.10	51.36		CONCRETE.	
					0.30	51.16	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	
							[Pattern]	Grey and orange, silty SAND. Sand is fine.	
					1.00	50.46		End of Borehole at 1.000m	1
								2	
								3	
								4	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 15/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497892.30 N165463.02	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS61a	Hole Type WS	Level 51.47m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.50	50.97		MADE GROUND comprising brown and black, clayey gravelly SAND. Gravel comprised fine to coarse, sub-angular to angular brick and concrete. Sand is fine to coarse. Cobbles of brick present.	
								End of Borehole at 0.500m	1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks
Service identified at 0.5mbgl.





Borehole Logs:

Building 114



Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 13/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497855.29 N165460.16	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS59	Hole Type WS	Level 54.96m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.10	54.86		CONCRETE.	
					0.20	54.76	[Pattern]	MADE GROUND comprising grey and brown, sandy GRAVEL. Gravel comprised fine to coarse, angular concrete and brick. Sand is fine to coarse. (SUB-BASE)	
					1.90	53.06	[Pattern]	Green, brown and orange mottled SAND. Sand is fine to coarse.	1
					2.00	52.96	[Pattern]	Grey and white silty SAND. Sand is fine.	2
							End of Borehole at 2.000m	3	
								4	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 12/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497855.07 N165489.84	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS49	Hole Type WS	Level 54.91m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
[Pattern]					0.10	54.81		CONCRETE.
					0.20	54.71	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE) Green, brown and orange mottled SAND. Sand is fine to coarse.
					2.30	52.61	[Pattern]	Grey and orange, silty SAND. Sand is fine.
					3.00	51.91		End of Borehole at 3.000m

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 12/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497853.31 N165480.86	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS55	Hole Type WS	Level 54.94m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
CONCRETE.					0.10	54.84	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE) Green, brown and orange mottled SAND. Sand is fine to coarse.	
					0.20	54.74		
					2.00	52.94	End of Borehole at 2.000m	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 12/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497847.55 N165488.31	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS48	Hole Type WS	Level 54.98m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.10	54.88		CONCRETE.	
					0.30	54.68	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	
							[Pattern]	Green, brown and orange mottled SAND. Sand is fine to coarse.	1
					1.90	53.08			
					2.00	52.98	[Pattern]	Grey and orange, silty SAND. Sand is fine.	2
							End of Borehole at 2.000m	3	
								4	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 12/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497857.47 N165468.37	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS57	Hole Type WS	Level 54.98m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
[Pattern]					0.10	54.88		CONCRETE.
					0.20	54.78	[Pattern]	MADE GROUND comprising light brown and grey sandy GRAVEL of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE) Green, brown and orange mottled SAND. Sand is fine to coarse.
					2.00	52.98	[Pattern]	End of Borehole at 2.000m

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 13/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497862.63 N165461.86	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS60	Hole Type WS	Level 54.97m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.10	54.87	CONCRETE.	<p>MADE GROUND comprising grey and brown, sandy GRAVEL. Gravel comprised fine to coarse, angular concrete and brick. Sand is fine to coarse. (SUB-BASE)</p> <p>End of Borehole at 0.200m</p>
					0.20	54.77		



Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks
Obstruction identified at 0.2mbgl.





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 13/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497864.78 N165465.48	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS60a	Hole Type WS	Level 54.97m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.80	54.17		MADE GROUND comprising dark brown, clayey, gravelly SAND. Gravel comprised fine to coarse, sub-angular to angular brick and sub-rounded flint, with occasional roots and cobbles of flint.	
					1.00	53.97		Brown and orange mottled SAND. Sand is fine to coarse.	1
								End of Borehole at 1.000m	2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Borehole Logs:

Road



Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 12/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497902.12 N165657.06	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS08	Hole Type WS	Level 50.04m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.05	49.99	[Pattern]	TARMACADAM.	
					0.30	49.74	[Pattern]	MADE GROUND comprising grey and brown, sandy GRAVEL with ash. Gravel comprised fine to coarse, angular tarmacadam and brick. Sand is fine to coarse. (SUB-BASE). Orange, brown and grey SAND. Sand is fine to coarse.	1
					2.00	48.04		End of Borehole at 2.000m	2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 12/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497915.90 N165606.69	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS30	Hole Type WS	Level 50.00m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.05	49.95	[Pattern]	TARMACADAM. MADE GROUND comprising grey and brown, sandy GRAVEL with ash. Gravel comprised fine to coarse, angular tarmacadam and brick. Sand is fine to coarse. (SUB-BASE).	
					0.40	49.60	[Pattern]	Brown sandy GRAVEL. Gravel comprised fine to coarse, sub-angular flint. Sand is fine to coarse. Brown and grey, silty SAND. Sand is fine.	
					0.50	49.50	[Pattern]		
					2.00	48.00		End of Borehole at 2.000m	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 12/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497924.50 N165575.71	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS36	Hole Type WS	Level 50.04m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
[Pattern]					0.10	49.94		TARMACADAM.
					0.30	49.74	[Pattern]	MADE GROUND comprising grey and brown, sandy GRAVEL with ash. Gravel comprised fine to coarse, angular tarmacadam and brick. Sand is fine to coarse. Whole brick cobbles present. (SUB-BASE).
							[Pattern]	Orange and grey SAND. Sand is fine to coarse.
					2.00	48.04		End of Borehole at 2.000m

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 12/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497936.02 N165531.33	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS46	Hole Type WS	Level 50.03m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
[Pattern]					0.05	49.98	[Pattern]	TARMACADAM.
					0.20	49.83		MADE GROUND comprising grey and brown, sandy GRAVEL. Gravel comprised fine to coarse, angular tarmacadam and brick. Sand is fine to coarse. (SUB-BASE). Orange and grey SAND. Sand is fine to coarse.
					2.00	48.03	[Pattern]	End of Borehole at 2.000m

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 12/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497946.41 N165498.46	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS56	Hole Type WS	Level 49.93m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.10	49.83		TARMACADAM.	
					0.50	49.43	[Pattern]	MADE GROUND comprising grey and brown, sandy GRAVEL. Gravel comprised fine to coarse, angular tarmacadam, clinker, ash and brick. Sand is fine to coarse. (SUB-BASE)	
					2.00	47.93	[Pattern]	Orange and grey mottled SAND. Sand is fine to coarse.	1
							End of Borehole at 2.000m	2	
								3	
								4	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 12/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497954.43 N165474.43	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS65	Hole Type WS	Level 49.52m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.10	49.42	[Pattern]	TARMACADAM.	1
					1.40	48.12	[Pattern]	MADE GROUND comprising grey and brown, sandy GRAVEL. Gravel comprised fine to coarse, angular tarmacadam, clinker, ash and brick. Sand is fine to coarse. (SUB-BASE)	
					2.00	47.52	[Pattern]	Green, brown and orange SAND. Sand is fine to coarse.	2
							End of Borehole at 2.000m	3	
								4	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Borehole Logs:

Eastern Part of the Site: Former Car Park



Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 11/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497972.36 N165492.10	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS58	Hole Type WS	Level 48.97m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.50	48.47	[Pattern]	MADE GROUND comprising dark brown gravelly sandy TOPSOIL with rootlets. Gravel comprised fine to coarse, sub-rounded flint, angular brick. Sand is fine to coarse. Cobbles of whole brick.	
					1.00	47.97	[Pattern]	MADE GROUND comprising brown sandy clayey GRAVEL. Gravel comprised fine to coarse sub-rounded flint. Sand is fine to coarse. (REWORKED NATURAL DEPOSITS).	
					1.80	47.17	[Pattern]	Brown and grey clayey SAND. Sand is fine to coarse.	1
					2.00	46.97	[Pattern]	Greenish grey SAND. Sand is fine to coarse.	
								End of Borehole at 2.000m	2
								3	
								4	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 11/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497955.27 N165530.24	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS47	Hole Type WS	Level 49.27m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.05	49.22	[Pattern]	TARMACADAM.	
					0.20	49.07	[Pattern]	MADE GROUND comprising grey and brown, sandy GRAVEL. Gravel comprised fine to coarse, angular tarmacadam and brick. Sand is fine to coarse. (SUB-BASE).	
					0.40	48.87	[Pattern]	Brown SAND. Sand is fine to coarse.	
					2.00	47.27	[Pattern]	Orange brown and grey silty SAND. Sand is fine.	1
								End of Borehole at 2.000m	2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 11/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497971.52 N165558.03	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS45	Hole Type WS	Level 48.74m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.80	47.94		MADE GROUND comprising black, brown and green sandy GRAVEL. Gravel comprised fine to coarse sub-rounded flint, angular brick and angular concrete. Sand is fine to coarse. (REWORKED NATURAL DEPOSITS).	
					1.00	47.74		Brown SAND. Sand is fine to coarse.	1
								End of Borehole at 1.000m	2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 11/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497940.69 N165588.26	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS35	Hole Type WS	Level 49.45m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
[Pattern]					0.05	49.40	[Pattern]	TARMACADAM. MADE GROUND comprising grey and brown, sandy GRAVEL with ash. Gravel comprised fine to coarse, angular tarmacadam and brick. Sand is fine to coarse. Whole brick cobbles present. (SUB-BASE).
					0.30	49.15		[Pattern]
					2.00	47.45		End of Borehole at 2.000m

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 11/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497979.93 N165525.04	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS54	Hole Type WS	Level 48.70m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.40	48.30	[Pattern]	MADE GROUND comprising black sandy GRAVEL with ash. Gravel comprised fine to coarse, angular brick. Sand is fine to coarse.	
					0.80	47.90	[Pattern]	MADE GROUND comprising brown sandy GRAVEL. Gravel comprised fine to coarse sub-rounded flint. Sand is fine to coarse. (REWORKED NATURAL DEPOSITS).	
					1.30	47.40	[Pattern]	Green, orange and brown sandy GRAVEL. Gravel comprised fine to coarse, sub-rounded flint. Sand is fine to coarse.	1
					2.00	46.70	[Pattern]	Grey and brown mottled silty SAND. Sand is fine.	
							End of Borehole at 2.000m	2	
								3	
								4	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Borehole Logs:

Building 100/101 (Former Canteen)



Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 11/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497909.37 N165407.84	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS75	Hole Type WS	Level 50.17m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
Well					0.30	49.87		CONCRETE.	
					0.40	49.77		MADE GROUND comprising orange and brown sandy GRAVEL. Gravel comprised fine to coarse angular brick and flint. Sand is fine to coarse. Brown and dark brown, gravelly SAND. Gravel is fine to coarse sub-rounded flint. Sand is fine to coarse.	
					1.80	48.37		Green, orange and brown mottled sandy GRAVEL. Gravel is fine to coarse sub-rounded to angular flint. Sand is fine to coarse.	1
					2.40	47.77		Grey and brown mottled silty SAND. Sand is fine.	2
					3.00	47.17		End of Borehole at 3.000m	3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 15/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497958.58 N165444.74	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS69a	Hole Type WS	Level 49.39m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.05	49.34		TARMACADAM. MADE GROUND comprising sandy GRAVEL of fine to coarse, sub-angular to angular brick, concrete, slate, clinker and tarmacadam, sub-anglar to rounded flint. Cobbles of whole brick.	
					1.00	48.39		End of Borehole at 1.000m	1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks
Suspected service identified at 1.0mbgl.

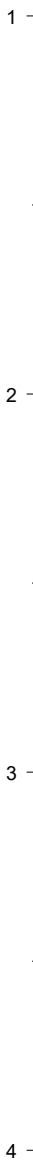




Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 11/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497954.49 N165447.72	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS69	Hole Type WS	Level 49.39m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.05	49.34		TARMACADAM. MADE GROUND comprising grey and brown, sandy GRAVEL. Gravel comprised fine to coarse, angular tarmacadam and brick. Sand is fine to coarse. (SUB-BASE).
					0.50	48.89		End of Borehole at 0.500m



Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks
Obstruction identified at 0.5mbgl.





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 11/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497918.53 N165409.07	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS76	Hole Type WS	Level 50.29m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.30	49.99	CONCRETE.		
							End of Borehole at 0.300m		1
									2
									3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks
Obstruction identified at 0.5mbgl.





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 11/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497919.47 N165407.31	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS76a	Hole Type WS	Level 50.27m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.50	49.77	MADE GROUND comprising black GRAVEL. Gravel is fine to coarse mixed lithologies.		
							End of Borehole at 0.500m		

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks
Terminated due to suspected service at 0.5mbgl.





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 11/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497906.20 N165398.81	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS79	Hole Type WS	Level 50.21m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
Casing					0.30	49.91		CONCRETE.	
					1.20	49.01		MADE GROUND comprising black and grey, clayey sandy GRAVEL of fine to coarse, angular brick and whole brick. Sand is fine to coarse.	1
					2.50	47.71		Green sandy GRAVEL. Gravel comprised fine to coarse sub-rounded flint. Sand is fine to coarse.	2
					2.80	47.41		Grey and green SILT.	
					3.00	47.21		Greenish grey SAND. Sand is coarse.	
					3.00	47.21		End of Borehole at 3.000m	3
								4	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 11/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497936.25 N165431.11	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS70	Hole Type WS	Level 49.80m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
[Pattern]					0.05	49.74	[Pattern]	TARMACADAM. MADE GROUND comprising grey sandy GRAVEL. Gravel comprised fine to coarse, angular tarmacadam. Sand is fine to coarse. (SUB-BASE).
					0.20	49.60		MADE GROUND comprising black and dark brown, clayey gravelly SAND. Gravel comprised fine to coarse angular concrete, brick, sub-rounded flint. Sand is fine to coarse.
					2.50	47.30	[Pattern]	Brown silty SAND. Sand is fine.
					3.00	46.80	[Pattern]	End of Borehole at 3.000m

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 11/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497881.81 N165398.69	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS78	Hole Type WS	Level 50.29m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
CONCRETE					0.20	50.09		CONCRETE.	
					0.80	49.49		MADE GROUND comprising brown and reddish brown clayey SAND. Gravel is fine to coarse, sub-rounded flint. Sand is fine to coarse. Occasional cobbles of sub-rounded flint.	
					1.90	48.39		Green, orange and grey mottled gravelly SAND. Gravel is fine to coarse sub-rounded to angular flint. Sand is fine to coarse.	1
					2.00	48.29		Light grey silty SAND. Sand is fine.	2
								End of Borehole at 2.000m	4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 11/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497888.13 N165404.09	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS77	Hole Type WS	Level 50.21m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.80	49.41		MADE GROUND comprising brown gravelly SAND. Gravel is fine to coarse angular brick, sub-rounded to angular flint. Sand is fine to coarse. (REWORKED NATURAL DEPOSITS).	1
					2.00	48.21		Green, orange and brown mottled sandy GRAVEL. Gravel is fine to coarse sub-rounded to angular flint. Sand is fine to coarse.	2
								End of Borehole at 2.000m	3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 12/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497910.50 N165418.87	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS72	Hole Type WS	Level 50.17m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
Well					0.30	49.87		CONCRETE.	
					0.90	49.27		MADE GROUND comprising grey, brown and orange sandy GRAVEL. Gravel is fine to coarse, angular brick, sub-rounded flint, angular concrete with clinker and ash. <i>Slight hydrocarbon odour and black staining between 0.3mbgl and 0.9mbgl.</i>	
					1.50	48.67		MADE GROUND comprising dark brown and black, slightly gravelly, sandy CLAY. Gravel is coarse clinker and fine angular brick. (Reworked). <i>Slight organic odour between 0.9mbgl and 1.5mbgl.</i>	1
					1.80	48.37		Green gravelly SAND. Gravel comprised fine to coarse, sub-rounded flint. Sand is fine to coarse.	
					3.00	47.17		Grey, brown and orange silty SAND. Sand is fine to coarse.	2
							End of Borehole at 3.000m	3	
								4	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 11/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497893.58 N165424.49	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS71	Hole Type WS	Level 50.15m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.30	49.85	[Pattern]	MADE GROUND. Dark brown, slightly gravelly SAND. Gravel comprised fine to coarse, angular brick. Sand is fine to coarse. <i>Suspected asbestos cement between 0.0mbgl and 0.3mbgl.</i>	1
					1.30	48.85	[Pattern]	Brown and orange mottled, slightly clayey SAND. Sand is fine to coarse.	
					2.00	48.15	[Pattern]	Grey silty SAND. Sand is fine.	2
							End of Borehole at 2.000m		3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 11/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497898.57 N165407.49	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS74	Hole Type WS	Level 50.29m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.20	50.09	[Pattern]	CONCRETE.	
					1.00	49.29	[Pattern]	MADE GROUND comprising black and grey gravelly SAND. Gravel comprised fine to coarse angular brick, sub-rounded flint. Sand is fine to coarse ash. Cobbles of flint are present.	1
					2.00	48.29	[Pattern]	Greenish brown sandy GRAVEL. Gravel comprised fine to coarse, angular flint. Sand is fine to coarse.	2
							End of Borehole at 2.000m		3
									4

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 11/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497888.85 N165416.99	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS73	Hole Type WS	Level 50.22m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description
		Depth (m)	Type	Results				
					0.50	49.72	CONCRETE.	
							End of Borehole at 0.500m	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks
Obstruction identified at 0.5mbgl.





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 11/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497884.60 N165422.02	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS73a	Hole Type WS	Level 50.29m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
[Pattern]					0.30	49.99	[Pattern]	MADE GROUND comprising brown, slightly gravelly, clayey sandy TOPSOIL. Gravel comprised fine, angular brick with occasional rootlets. <i>Suspected asbestos cement between 0.2mbgl and 1.0mbgl.</i>	
					0.80	49.49	[Pattern]	MADE GROUND comprising brown and red gravelly SAND. Gravel is fine to coarse, angular brick, with fragments of glass and suspected asbestos cement.	
					1.20	49.09	[Pattern]	Orange, green and brown mottled gravelly SAND. Gravel is fine to coarse, sub-rounded flint. Sand is fine to coarse.	1
					2.00	48.29	[Pattern]	Grey and brown silty SAND. Sand is fine.	2
							End of Borehole at 2.000m	3	
								4	

Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks





Percussion Drilling Log

Project Name: Longcross Studios		Client: Ark Data Centres Ltd		Date: 15/01/2021	
Location: Longcross Studios, Chobham Lane, Chertsey, KT16 0EX		Contractor: Oakland Site Investigation Ltd		Co-ords: E497963.60 N165446.33	
Project No. : 201250		Crew Name:		Drilling Equipment:	
Borehole Number WS69b	Hole Type WS	Level 49.39m AoD	Logged By CB	Scale 1:20	Page Number Sheet 1 of 1

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
		Depth (m)	Type	Results					
					0.20	49.19		MADE GROUND. Brown clayey, gravelly sandy TOPSOIL. Gravel comprised fine to coarse, sub-angular to angular brick, and sub-angular to rounded flint.	
					1.00	48.39		MADE GROUND comprising black and brown sandy GRAVEL of fine to coarse, subangular brick.	
								End of Borehole at 1.000m	1
									2
									3
									4







Hole Diameter		Casing Diameter		Chiselling				Inclination and Orientation			
Depth Base	Diameter	Depth Base	Diameter	Depth Top	Depth Base	Duration	Tool	Depth Top	Depth Base	Inclination	Orientation

Remarks
Suspected service identified at 1.0mbgl.

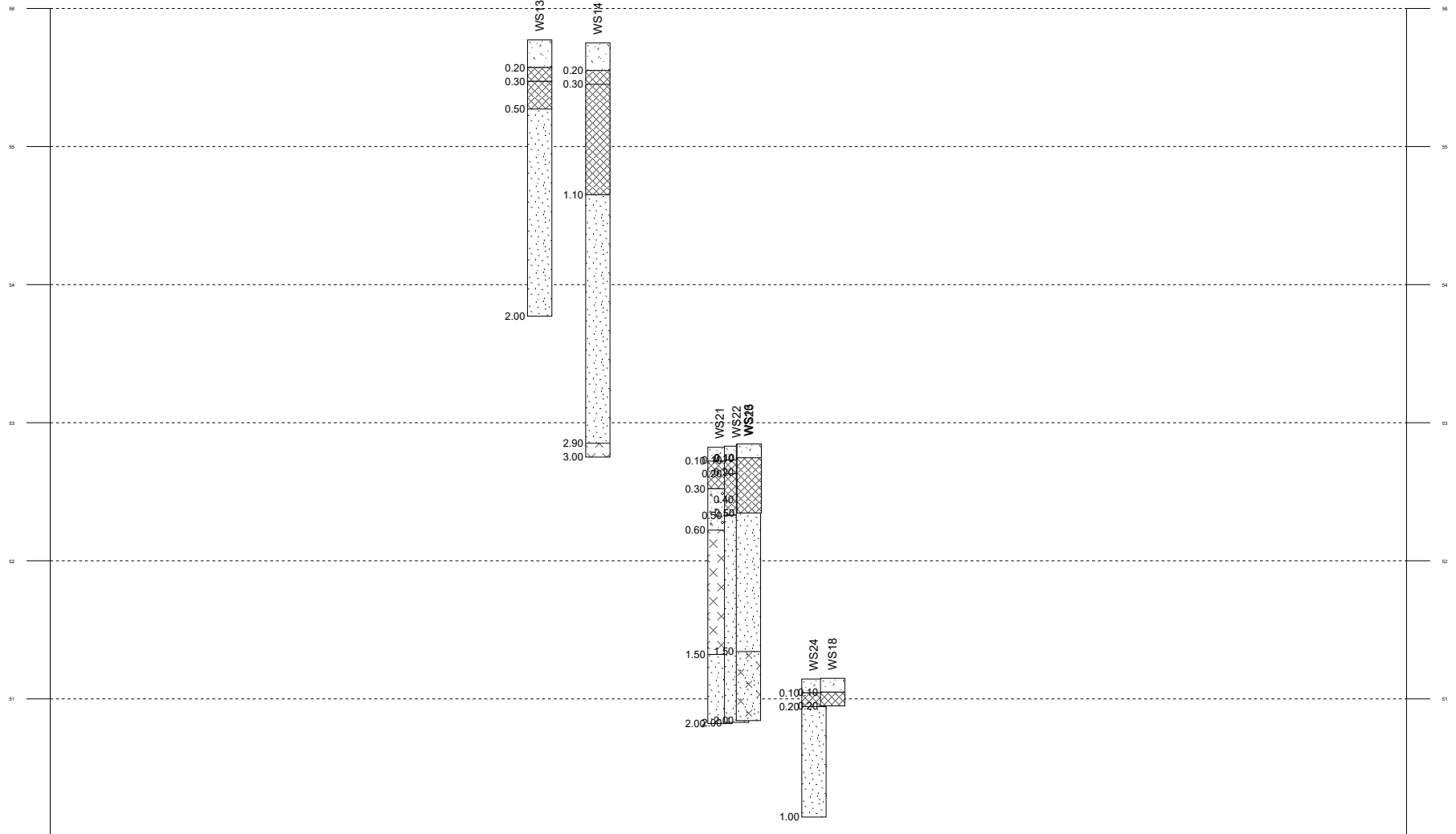


APPENDIX 4: CROSS SECTIONS

Legend Key








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-  MADE GROUND
-  SAND
-  SILT
-  Sandy GRAVEL
-  Silty SAND

50.00

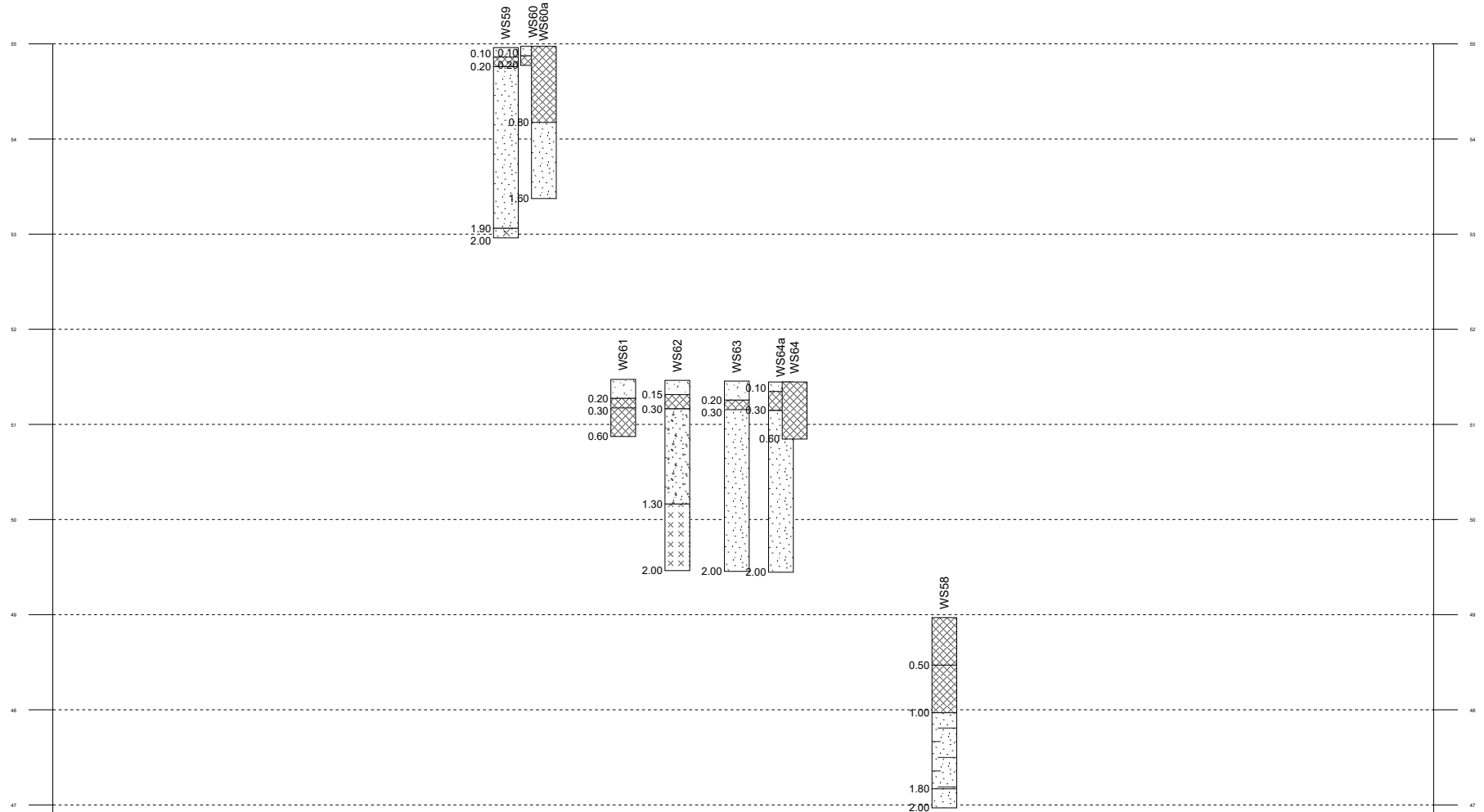


Chainage (m)	0.00	29.13	45.01	78.96	86.35	104.05	109.16	161.33
Elevation (mAOD)		2.55	0.15	4.70	4.54	6.19	6.13	
Offset (m)		55.77	55.75	52.82	52.83	51.14	51.15	

Legend Key










-  CONCRETE
-  MADE GROUND
-  SAND
-  Silty SAND
-  Gravelly SAND
-  SILTSTONE
-  Clayey SAND

46.00

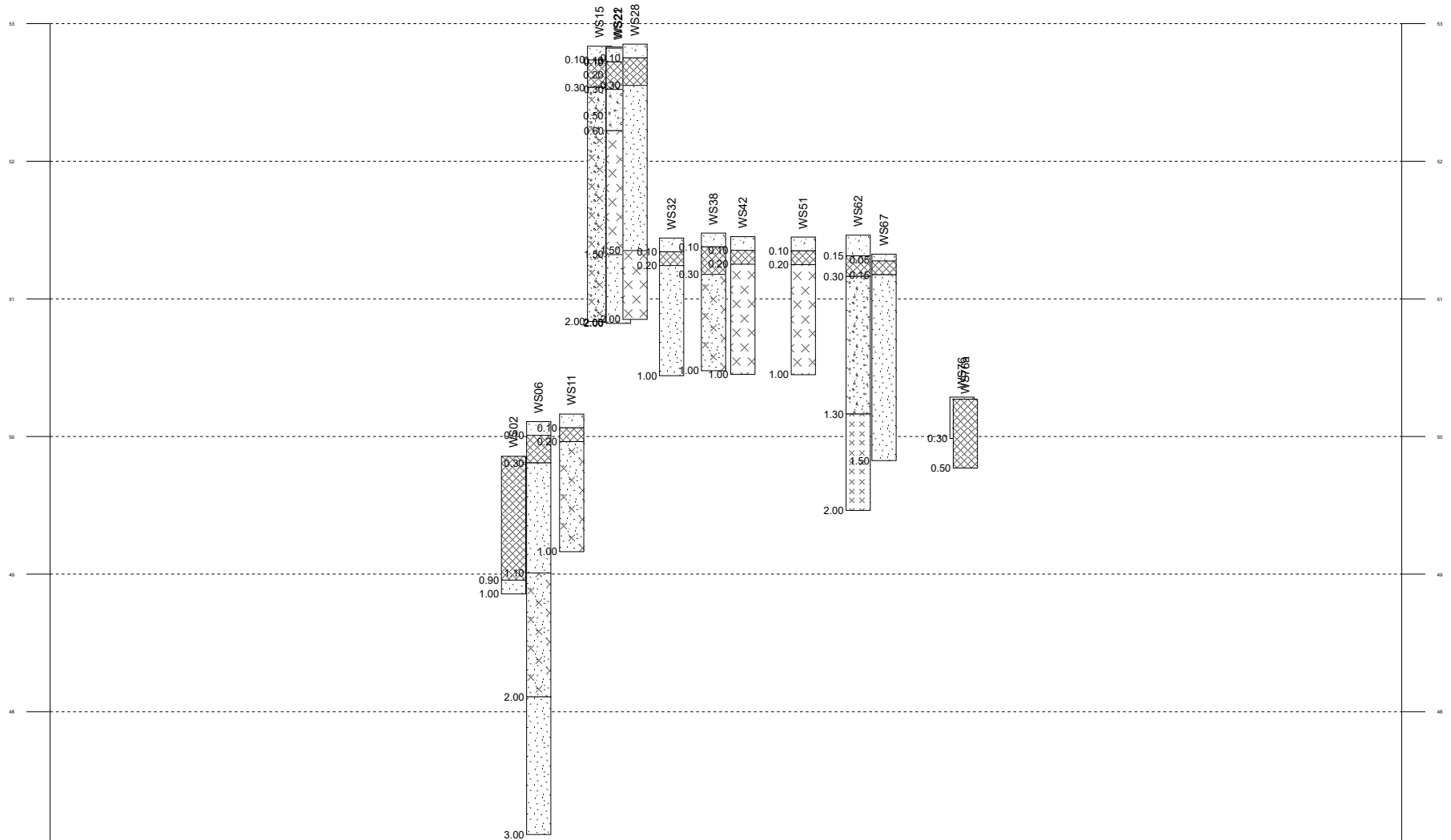


Chainage (m)	0.00	17.53	25.07	28.04	50.00	64.98	81.43	93.65	97.43	138.86	166.33
Elevation (mAOD)		0.60	0.77	2.21	4.31	4.51	5.02	2.53	4.76	1.33	
Offset (m)		54.96	54.97	54.97	51.47	51.46	51.46	51.45	51.45	46.97	

Legend Key

-  CONCRETE
-  MADE GROUND
-  SAND
-  Silty gravelly SAND
-  Sandy GRAVEL
-  SILT
-  Silty SAND
-  Gravelly SAND
-  SILTSTONE

47.00



Chainage (m)	0.00	49.86	50.11	50.16	52.84	52.83	52.85	51.44	51.48	51.45	51.45	51.46	51.33	56.29	347.18
Elevation (mAOD)		2.28	2.25	2.18	2.86	3.68	1.91	3.99	4.01	3.35	2.77	4.51	3.23	4.86	
Offset (m)		49.86	50.11	50.16	52.84	100.89	120.01	141.59	166.30	183.62	219.28	251.63	266.88	312.85	

APPENDIX 5: CHEMICAL TEST RESULTS

Screening Table
201250 Longcross Film Studios

Lab Sample Number				1734620	1734621	1734622	1734623	1734624	1734625	1734626	1734627	1734628
Sample Reference				WS04	WS05	WS08	WS10	WS15	WS25	WS35	WS45	WS45
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.3	0.2	1.5	0.2	1.2	0.1	0.5	0.4	0.9
Date Sampled				11/01/2021	11/01/2021	11/01/2021	11/01/2021	11/01/2021	11/01/2021	11/01/2021	11/01/2021	11/01/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)												
Stone Content	%	0.1	NONE	N/A	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Moisture Content	%	0.01	NONE	N/A	17	6.9	9.5	15	14	6.5	13	10
Total mass of sample received	kg	0.001	NONE	N/A	2	1.7	2	2	1.7	2	1.7	1.7
Asbestos in Soil Screen / Identification Name												
Asbestos in Soil	Type	N/A	ISO 17025	N/A	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	<0.001	-	-	-	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	<0.001	-	-	-	-	-	-	-	-
General Inorganics												
pH - Automated	pH Units	N/A	MCERTS	N/A	5.0	8.6	7.6	8.0	4.5	7.8	5.2	5.5
Total Cyanide	mg/kg	1	MCERTS	N/A	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total Sulphate as SO4	%	0.005	MCERTS	N/A	0.024	0.024	0.055	0.066	0.047	0.014	0.02	0.016
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	N/A	100	63	96	170	130	100	120	97
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/L	0.00125	MCERTS	N/A	0.05	0.032	0.018	0.084	0.065	0.051	0.06	0.023
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	N/A	49.8	31.5	17.9	83.7	65.3	51.2	60	23.3
Total Organic Carbon (TOC)	%	0.1	MCERTS	N/A	<0.1	0.5	<0.1	1.4	<0.1	0.2	0.1	<0.1
Total Phenols												
Total Phenols (monohydric)	mg/kg	1	MCERTS	N/A	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Speciated PAHs												
Naphthalene	mg/kg	0.05	MCERTS	460	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthylene	mg/kg	0.05	MCERTS	97000	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Acenaphthene	mg/kg	0.05	MCERTS	97000	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluorene	mg/kg	0.05	MCERTS	68000	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Phenanthrene	mg/kg	0.05	MCERTS	22000	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Anthracene	mg/kg	0.05	MCERTS	540000	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Fluoranthene	mg/kg	0.05	MCERTS	23000	<0.05	<0.05	<0.05	1.2	<0.05	0.45	<0.05	<0.05
Pyrene	mg/kg	0.05	MCERTS	54000	<0.05	<0.05	<0.05	1.2	<0.05	0.32	<0.05	<0.05
Benzo[a]anthracene	mg/kg	0.05	MCERTS	170	<0.05	<0.05	<0.05	0.63	<0.05	0.53	<0.05	<0.05
Chrysene	mg/kg	0.05	MCERTS	350	<0.05	<0.05	<0.05	0.54	<0.05	0.71	<0.05	<0.05
Benzo[b]fluoranthene	mg/kg	0.05	MCERTS	44	<0.05	<0.05	<0.05	0.73	<0.05	0.37	<0.05	<0.05
Benzo[k]fluoranthene	mg/kg	0.05	MCERTS	1200	<0.05	<0.05	<0.05	0.41	<0.05	0.16	<0.05	<0.05
Benzo[a]pyrene	mg/kg	0.05	MCERTS	76	<0.05	<0.05	<0.05	0.6	<0.05	0.39	<0.05	<0.05
Indeno[1,2,3-cd]perylene	mg/kg	0.05	MCERTS	510	<0.05	<0.05	<0.05	0.28	<0.05	<0.05	<0.05	<0.05
Dibenz[a,h]anthracene	mg/kg	0.05	MCERTS	3.6	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo[e]perylene	mg/kg	0.05	MCERTS	4000	<0.05	<0.05	<0.05	0.35	<0.05	<0.05	<0.05	<0.05
Total PAH												
Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	N/A	<0.80	<0.80	<0.80	6	<0.80	2.43	<0.80	<0.80
Heavy Metals / Metalloids												
Arsenic (aquia regia extractable)	mg/kg	1	MCERTS	640	11	22	8.1	8	3.4	7.2	3.7	5.8
Cadmium (aquia regia extractable)	mg/kg	0.2	MCERTS	410	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	49	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
Chromium (aquia regia extractable)	mg/kg	1	MCERTS	8600	14	35	6.7	18	34	17	23	29
Copper (aquia regia extractable)	mg/kg	1	MCERTS	68000	11	16	11	30	14	11	12	9.5
Lead (aquia regia extractable)	mg/kg	1	MCERTS	2330	5.7	12	4.7	84	5.6	17	6.2	4.8
Mercury (aquia regia extractable)	mg/kg	0.3	MCERTS	1100	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Nickel (aquia regia extractable)	mg/kg	1	MCERTS	980	3.4	12	1.6	19	3.7	5.3	4.2	6.8
Selenium (aquia regia extractable)	mg/kg	1	MCERTS	12000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Zinc (aquia regia extractable)	mg/kg	1	MCERTS	730000	15	30	13	63	18	22	15	23
Monoaromatics & Oxygenates												
Benzene	µg/kg	1	MCERTS	98	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	µg/kg	1	MCERTS	110000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	µg/kg	1	MCERTS	13000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
p & m-xylene	µg/kg	1	MCERTS	14000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
o-xylene	µg/kg	1	MCERTS	15000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	N/A	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Petroleum Hydrocarbons												
TPH-CWG - Aliphatic - EC5 - EC6	mg/kg	0.001	MCERTS	5900	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
TPH-CWG - Aliphatic - EC8 - EC9	mg/kg	0.001	MCERTS	17000	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
TPH-CWG - Aliphatic - EC8 - EC10	mg/kg	0.001	MCERTS	4800	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
TPH-CWG - Aliphatic - EC10 - EC12	mg/kg	1	MCERTS	23000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TPH-CWG - Aliphatic - EC12 - EC16	mg/kg	2	MCERTS	82000	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
TPH-CWG - Aliphatic - EC16 - EC21	mg/kg	8	MCERTS	1700000	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0
TPH-CWG - Aliphatic - EC21 - EC35	mg/kg	8	MCERTS	1700000	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	N/A	<10	<10	<10	<10	<10	<10	<10	<10
TPH-CWG - Aromatic - EC5 - EC7	mg/kg	0.001	MCERTS	46000	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
TPH-CWG - Aromatic - EC7 - EC8	mg/kg	0.001	MCERTS	110000	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
TPH-CWG - Aromatic - EC8 - EC10	mg/kg	0.001	MCERTS	8100	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
TPH-CWG - Aromatic - EC10 - EC12	mg/kg	1	MCERTS	28000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
TPH-CWG - Aromatic - EC12 - EC16	mg/kg	2	MCERTS	37000	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
TPH-CWG - Aromatic - EC16 - EC21	mg/kg	10	MCERTS	28000	<10	<10	<10	<10	<10	<10	<10	<10
TPH-CWG - Aromatic - EC21 - EC35	mg/kg	10	MCERTS	28000	<10	<10	<10	<10	<10	<10	<10	<10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	N/A	<10	<10	<10	<10	<10	<10	<10	<10

Screening Table
 201250 Longcross Film Studios

Lab Sample Number	1736162	1736163	1736164	1736165	1736166	1736167	1736168	1736169	1736170
Sample Reference	WS27	WS27	WS66	WS66	WS67	WS67	WS65	WS65	WS66
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	1.2	1.6	0.2	0.6	0.1	0.5	0.5	1.6	0.3
Date Sampled	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Limit of Detection (µg/kg)	Analysis (mg/kg)	Statistical Comparison (mg/kg)						
Stone Content	% 0.1 NONE	N/A	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Moisture Content	% 0.01 NONE	N/A	32	13	13	15	7.9	13	9.5
Total mass of sample received	kg 0.001 NONE	N/A	1.5	2	2	1.5	1.5	2	1.5
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	N/A					
Asbestos in Soil	Type	N/A	ISO 17025	N/A	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	<0.001					
Asbestos Quantification Total	%	0.001	ISO 17025	<0.001					
General Inorganics									
pH - Automated	pH Units	N/A	MCERTS	N/A	6.1	5.9	9.8	8.9	8.7
Total Cyanide	mg/kg	1	MCERTS	N/A	<1	<1	<1	<1	<1
Total Sulphate as SO4	%	0.005	MCERTS	N/A	0.149	0.027	0.114	0.05	0.09
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	N/A	650	82	170	40	200
Water Soluble SO4 16hr extraction (2:1) Leachate Equivalent	g/l	0.00125	MCERTS	N/A	0.32	0.041	0.085	0.02	0.098
Water Soluble SO4 16hr extraction (2:1) Leachate Equivalent	mg/l	1.25	MCERTS	N/A	325	41	84.9	19.8	97.6
Total Organic Carbon (TOC)	%	0.1	MCERTS	N/A	4.1	0.1	0.9	0.2	0.4
Total Phenols	mg/kg	1	MCERTS	N/A	<1.0	<1.0	<1.0	<1.0	<1.0
Total Phenols (monohydric)	mg/kg	1	MCERTS	N/A	<1.0	<1.0	<1.0	<1.0	<1.0
Speciated PAHs									
Naphthalene	mg/kg	0.05	MCERTS	460	<0.05	<0.05	<0.05	1.1	<0.05
Acenaphthylene	mg/kg	0.05	MCERTS	97000	<0.05	<0.05	0.62	<0.05	0.37
Acenaphthene	mg/kg	0.05	MCERTS	97000	<0.05	<0.05	6.7	<0.05	<0.05
Fluorene	mg/kg	0.05	MCERTS	68000	<0.05	<0.05	5.8	<0.05	3.7
Phenanthrene	mg/kg	0.05	MCERTS	22000	1.2	0.67	45	0.2	31
Anthracene	mg/kg	0.05	MCERTS	540000	0.27	<0.05	16	<0.05	10
Fluoranthene	mg/kg	0.05	MCERTS	23000	1.9	1.3	69	0.36	48
Pyrene	mg/kg	0.05	MCERTS	54000	1.6	1.1	63	0.33	40
Benzo[a]anthracene	mg/kg	0.05	MCERTS	170	0.97	0.89	42	0.2	27
Chrysene	mg/kg	0.05	MCERTS	350	0.86	0.6	27	<0.05	15
Benzo[b]fluoranthene	mg/kg	0.05	MCERTS	44	1.2	0.8	39	0.2	21
Benzo[k]fluoranthene	mg/kg	0.05	MCERTS	1200	0.22	0.23	13	0.05	8.7
Benzo[a]pyrene	mg/kg	0.05	MCERTS	76	0.91	0.65	36	<0.05	20
Indeno[1,2,3-cd]pyrene	mg/kg	0.05	MCERTS	510	0.54	0.99	18	<0.05	9.6
Dibenz[a,h]anthracene	mg/kg	0.05	MCERTS	3.6	<0.05	<0.05	4.2	<0.05	2.5
Benzo[ghi]perylene	mg/kg	0.05	MCERTS	4000	0.6	0.47	20	<0.05	11
Total PAH									
Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	N/A	10.3	6.97	406	1.49	254
Heavy Metals / Metalloids									
Arsenic (aquia regia extractable)	mg/kg	1	MCERTS	640	14	6.2	6.3	5	5.3
Cadmium (aquia regia extractable)	mg/kg	0.2	MCERTS	410	<0.2	0.4	<0.2	<0.2	6.4
Chromium (Hexavalent)	mg/kg	1.2	MCERTS	40	<1.2	<1.2	<1.2	<1.2	<1.2
Chromium (aquia regia extractable)	mg/kg	1	MCERTS	8600	13	27	17	14	15
Copper (aquia regia extractable)	mg/kg	1	MCERTS	68000	12	4.5	10	3.4	5.6
Lead (aquia regia extractable)	mg/kg	1	MCERTS	2330	40	6.6	100	5.9	6.5
Mercury (aquia regia extractable)	mg/kg	0.3	MCERTS	1100	<0.3	<0.3	<0.3	<0.3	<0.3
Nickel (aquia regia extractable)	mg/kg	1	MCERTS	980	10	6.4	8.2	3.8	6.8
Selenium (aquia regia extractable)	mg/kg	1	MCERTS	12000	<1.0	<1.0	<1.0	<1.0	<1.0
Zinc (aquia regia extractable)	mg/kg	1	MCERTS	730000	78	17	74	12	18
Monoaromatics & Oxygenates									
Benzene	µg/kg	1	MCERTS	98	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	µg/kg	1	MCERTS	110000	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	µg/kg	1	MCERTS	13000	<1.0	<1.0	<1.0	<1.0	<1.0
p & m-xylene	µg/kg	1	MCERTS	14000	<1.0	<1.0	<1.0	<1.0	<1.0
o-xylene	µg/kg	1	MCERTS	15000	<1.0	<1.0	<1.0	<1.0	<1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	N/A	<1.0	<1.0	<1.0	<1.0	<1.0
Petroleum Hydrocarbons									
TPH-CWG - Aliphatic <EC5 - EC6	mg/kg	0.001	MCERTS	5900	<0.001	<0.001	<0.001	<0.001	<0.001
TPH-CWG - Aliphatic <EC6 - EC8	mg/kg	0.001	MCERTS	17000	<0.001	<0.001	<0.001	<0.001	<0.001
TPH-CWG - Aliphatic <EC8 - EC10	mg/kg	0.001	MCERTS	4800	<0.001	<0.001	<0.001	<0.001	<0.001
TPH-CWG - Aliphatic <EC10 - EC12	mg/kg	1	MCERTS	23000	<1.0	<1.0	<1.0	2	3.1
TPH-CWG - Aliphatic <EC12 - EC16	mg/kg	2	MCERTS	82000	<2.0	<2.0	26	<2.0	16
TPH-CWG - Aliphatic <EC16 - EC21	mg/kg	8	MCERTS	1700000	<8.0	<8.0	40	<8.0	29
TPH-CWG - Aliphatic <EC21 - EC35	mg/kg	8	MCERTS	1700000	<8.0	<8.0	99	<8.0	62
TPH-CWG - Aliphatic <EC35 - EC35	mg/kg	10	MCERTS	N/A	<10	<10	170	<10	110
TPH-CWG - Aromatic <EC5 - EC7	mg/kg	0.001	MCERTS	46000	<0.001	<0.001	<0.001	<0.001	<0.001
TPH-CWG - Aromatic <EC7 - EC8	mg/kg	0.001	MCERTS	110000	<0.001	<0.001	<0.001	<0.001	<0.001
TPH-CWG - Aromatic <EC8 - EC10	mg/kg	0.001	MCERTS	8100	<0.001	<0.001	<0.001	<0.001	<0.001
TPH-CWG - Aromatic <EC10 - EC12	mg/kg	1	MCERTS	28000	<1.0	<1.0	2.5	<1.0	1.0
TPH-CWG - Aromatic <EC12 - EC16	mg/kg	2	MCERTS	37000	<2.0	<2.0	79	<2.0	55
TPH-CWG - Aromatic <EC16 - EC21	mg/kg	10	MCERTS	28000	21	18	470	<10	260
TPH-CWG - Aromatic <EC21 - EC35	mg/kg	10	MCERTS	28000	44	25	540	<10	200
TPH-CWG - Aromatic <EC35 - EC35	mg/kg	10	MCERTS	N/A	65	44	1100	<10	510

Screening Table
201250 Longcross Film Studios

Lab Sample Number	1736180	1736181	1736182	1736183	1736184	1736185	1736186	1736187	1736188
Sample Reference	WS58	WS61	WS64	WS63	WS62	WS62	WS62	WS62	WS60
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.15	0.5	0.2	0.3	0.6	0.2	0.5	0.15	0.5
Date Sampled	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Unit	Unit	Unit	Unit	Unit	Unit	Unit	Unit	Unit
Stone Content	%	0.1	NONE	N/A	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	N/A	5.9	12	18	8	11
Total mass of sample received	kg	0.001	NONE	N/A	1.5	2	2	2	1.7
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	N/A					
Asbestos in Soil	Type	N/A	ISO 17025	N/A	Not-detected	Not-detected	Detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	<0.001			4.02		
Asbestos Quantification Total	%	0.001	ISO 17025	<0.001					
General Inorganics									
pH - Automated	pH Units	N/A	MCERTS	N/A	10.1	7.8	10.1	11.8	6
Total Cyanide	mg/kg	1	MCERTS	N/A	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	N/A	0.109	0.085	0.369	0.472	0.086
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	N/A	160	110	610	100	110
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	N/A	0.079	0.057	0.3	0.052	0.063
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	N/A	78.8	56.5	305	51.7	63.1
Total Organic Carbon (TOC)	%	0.1	MCERTS	N/A	1.2	0.2	1.2	3.5	0.7
Total Phenols									
Total Phenols (monohydric)	mg/kg	1	MCERTS	N/A	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Speciated PAHs									
Naphthalene	mg/kg	0.05	MCERTS	460	0.29	< 0.05	0.6	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	97000	0.98	< 0.05	0.19	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	97000	8.9	< 0.05	2.7	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	68000	7.2	< 0.05	1.8	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	22000	65	< 0.05	15	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	540000	19	< 0.05	2.8	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	23000	78	< 0.05	13	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	54000	60	< 0.05	11	< 0.05	< 0.05
Benzofluoranthene	mg/kg	0.05	MCERTS	170	37	< 0.05	6.7	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	35	25	< 0.05	5	< 0.05	< 0.05
Benzo[b]fluoranthene	mg/kg	0.05	MCERTS	44	34	< 0.05	6	< 0.05	< 0.05
Benzo[k]fluoranthene	mg/kg	0.05	MCERTS	1200	6.1	< 0.05	2.1	< 0.05	< 0.05
Benzo[a]pyrene	mg/kg	0.05	MCERTS	76	24	< 0.05	5.1	< 0.05	< 0.05
Indeno[1,2,3-cd]pyrene	mg/kg	0.05	MCERTS	510	11	< 0.05	2.5	< 0.05	< 0.05
Dibenz[a,h]anthracene	mg/kg	0.05	MCERTS	3.6	3.1	< 0.05	0.63	< 0.05	< 0.05
Benzo[ghi]perylene	mg/kg	0.05	MCERTS	4000	12	< 0.05	2.9	< 0.05	< 0.05
Total PAH									
Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	N/A	394	< 0.80	78.3	< 0.80	< 0.80
Heavy Metals / Metalloids									
Arsenic (aqueous regia extractable)	mg/kg	1	MCERTS	640	6.9	5.7	8.8	7	6.4
Cadmium (aqueous regia extractable)	mg/kg	0.2	MCERTS	410	0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (Hexavalent)	mg/kg	1.2	MCERTS	48	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqueous regia extractable)	mg/kg	1	MCERTS	8600	14	10	11	14	16
Copper (aqueous regia extractable)	mg/kg	1	MCERTS	68000	6.8	4.1	27	6.7	4.6
Lead (aqueous regia extractable)	mg/kg	1	MCERTS	2330	86	16	11	3.8	7
Mercury (aqueous regia extractable)	mg/kg	0.3	MCERTS	1100	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqueous regia extractable)	mg/kg	1	MCERTS	980	6.9	2	11	13	2.3
Selenium (aqueous regia extractable)	mg/kg	1	MCERTS	12000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqueous regia extractable)	mg/kg	1	MCERTS	730000	37	9.1	83	16	6.9
Monoaromatics & Oxygenates									
Benzene	µg/g	1	MCERTS	98	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/g	1	MCERTS	110000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/g	1	MCERTS	13000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/g	1	MCERTS	14000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/g	1	MCERTS	15000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/g	1	MCERTS	N/A	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Petroleum Hydrocarbons									
TPH-CWG - Aliphatic EC5 - EC6	mg/kg	0.001	MCERTS	5900	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic EC6 - EC8	mg/kg	0.001	MCERTS	17000	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic EC8 - EC10	mg/kg	0.001	MCERTS	4800	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic EC10 - EC12	mg/kg	1	MCERTS	23000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic EC12 - EC16	mg/kg	2	MCERTS	82000	5.4	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic EC16 - EC21	mg/kg	8	MCERTS	3700000	39	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic EC21 - EC35	mg/kg	8	MCERTS	3700000	110	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic EC35 - EC35	mg/kg	10	MCERTS	N/A	140	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic EC5 - EC7	mg/kg	0.001	MCERTS	46000	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic EC7 - EC8	mg/kg	0.001	MCERTS	110000	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic EC8 - EC10	mg/kg	0.001	MCERTS	8100	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic EC10 - EC12	mg/kg	1	MCERTS	28000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic EC12 - EC16	mg/kg	2	MCERTS	37000	110	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic EC16 - EC21	mg/kg	10	MCERTS	28000	630	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic EC21 - EC35	mg/kg	10	MCERTS	28000	620	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic EC35 - EC35	mg/kg	10	MCERTS	N/A	1400	< 10	< 10	< 10	< 10

Screening Table
201250 Longcross Film Studios

Lab Sample Number	1737455	1737456	1737457	1737458	1737459	1737460	1737461	1737462	1737463
Sample Reference	WS53	WS64	WS44	WS43	WS45	WS42	WS42	WS41	WS41
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.8	0.2	0.5	0.15	0.5	0.15	0.5	0.15	0.5
Date Sampled	13/01/2021	13/01/2021	13/01/2021	13/01/2021	13/01/2021	13/01/2021	13/01/2021	13/01/2021	13/01/2021
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Unit	Limit of Detection (mg/kg)	Analysis Method	Soil Agreement Criteria					
Stone Content	%	0.1	NONE	N/A	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	N/A	14	12	12	21	9.3
Total mass of sample received	kg	0.001	NONE	N/A	1.7	1.7	1.7	1.7	1.7
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	N/A					
Asbestos in Soil	Type	N/A	ISO 17025	N/A	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	<0.001					
Asbestos Quantification Total	%	0.001	ISO 17025	<0.001					
General Inorganics									
pH - Automated	pH Units	N/A	MCERTS	N/A	7.2	10.6	4.9	11.1	5.9
Total Cyanide	mg/kg	1	MCERTS	N/A	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	N/A	0.038	0.183	0.058	0.23	0.015
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	N/A	150	350	300	100	37
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	µl	0.00125	MCERTS	N/A	0.08	0.075	0.15	0.051	0.019
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	N/A	80.2	74.5	152	51.2	18.6
Total Organic Carbon (TOC)	%	0.1	MCERTS	N/A	0.3	0.8	0.1	0.5	0.3
Total Phenols	mg/kg	1	MCERTS	N/A	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Speciated PAHs									
Naphthalene	mg/kg	0.05	MCERTS	460	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	97000	< 0.05	< 0.05	< 0.05	0.52	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	97000	< 0.05	< 0.05	< 0.05	0.41	< 0.05
Fluorene	mg/kg	0.05	MCERTS	68000	< 0.05	< 0.05	< 0.05	0.45	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	22000	< 0.05	3	< 0.05	20	< 0.05
Anthracene	mg/kg	0.05	MCERTS	540000	< 0.05	0.53	< 0.05	2.8	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	23000	< 0.05	8.6	< 0.05	25	< 0.05
Pyrene	mg/kg	0.05	MCERTS	54000	< 0.05	7.7	< 0.05	20	< 0.05
Benzo[a]anthracene	mg/kg	0.05	MCERTS	170	< 0.05	5.2	< 0.05	13	< 0.05
Chrysenes	mg/kg	0.05	MCERTS	350	< 0.05	3.7	< 0.05	8.4	< 0.05
Benzo[b]fluoranthene	mg/kg	0.05	MCERTS	44	< 0.05	4.7	< 0.05	12	< 0.05
Benzo[k]fluoranthene	mg/kg	0.05	MCERTS	1200	< 0.05	2.7	< 0.05	5.5	< 0.05
Benzo[a]pyrene	mg/kg	0.05	MCERTS	76	< 0.05	4.2	< 0.05	9.6	< 0.05
Indeno[1,2,3-cd]pyrene	mg/kg	0.05	MCERTS	510	< 0.05	1.9	< 0.05	4	< 0.05
Dibenz[a,h]anthracene	mg/kg	0.05	MCERTS	3.6	< 0.05	< 0.05	1.1	< 0.05	1.2
Benzo[e]pyrene	mg/kg	0.05	MCERTS	4000	< 0.05	1.9	< 0.05	4.3	< 0.05
Total PAH									
Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	N/A	< 0.80	44.1	< 0.80	126	< 0.80
Heavy Metals / Metalloids									
Arsenic (aquia regia extractable)	mg/kg	1	MCERTS	640	2.5	6.1	7.4	6.5	2.5
Cadmium (aquia regia extractable)	mg/kg	0.2	MCERTS	410	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	40	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aquia regia extractable)	mg/kg	1	MCERTS	8600	9	12	25	12	8.2
Copper (aquia regia extractable)	mg/kg	1	MCERTS	68000	2.3	4.6	6.1	16	8.4
Lead (aquia regia extractable)	mg/kg	1	MCERTS	2330	4.4	6.1	6.5	8.5	5
Mercury (aquia regia extractable)	mg/kg	0.3	MCERTS	1100	< 0.3	0.4	< 0.3	< 0.3	< 0.3
Nickel (aquia regia extractable)	mg/kg	1	MCERTS	980	2.7	6.4	8.6	19	19
Selenium (aquia regia extractable)	mg/kg	1	MCERTS	12000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aquia regia extractable)	mg/kg	1	MCERTS	730000	7.1	12	19	14	3.6
Monoaromatics & Oxygenates									
Benzene	µg/g	1	MCERTS	98	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/g	1	MCERTS	110000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/g	1	MCERTS	13000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/g	1	MCERTS	14000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/g	1	MCERTS	15000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/g	1	MCERTS	N/A	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Petroleum Hydrocarbons									
TPH-CWG - Aliphatic EC5 - EC6	mg/kg	0.001	MCERTS	5900	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic EC6 - EC8	mg/kg	0.001	MCERTS	17000	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic EC8 - EC12	mg/kg	0.001	MCERTS	4800	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic EC10 - EC12	mg/kg	1	MCERTS	23000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic EC12 - EC16	mg/kg	2	MCERTS	82000	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic EC16 - EC21	mg/kg	8	MCERTS	1700000	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic EC21 - EC35	mg/kg	10	MCERTS	N/A	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic EC5 - EC7	mg/kg	0.001	MCERTS	46000	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic EC7 - EC8	mg/kg	0.001	MCERTS	110000	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic EC8 - EC10	mg/kg	0.001	MCERTS	8100	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic EC10 - EC12	mg/kg	1	MCERTS	28000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic EC12 - EC16	mg/kg	2	MCERTS	37000	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic EC16 - EC21	mg/kg	10	MCERTS	28000	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic EC21 - EC35	mg/kg	10	MCERTS	28000	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	N/A	< 10	59	< 10	230	< 10

Screening Table
201250 Longcross Film Studios

Lab Sample Number	1737464	1737465	1737466	1737467	1737468	1737469	1737470	1737471	1737472
Sample Reference	WS27	WS27	WS27	WS26	WS26	WS20	WS20	WS23	WS23
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.5	1.4	2.5	0.4	0.8	0.5	1.2	0.4	0.8
Date Sampled	13/01/2021	13/01/2021	13/01/2021	13/01/2021	13/01/2021	13/01/2021	13/01/2021	13/01/2021	13/01/2021
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Unit	Limit of Detection	Analysis	Sample	Sample	Sample	Sample	Sample	Sample
Stone Content	%	0.1	NONE	N/A	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	N/A	16	15	18	14	21
Total mass of sample received	kg	0.001	NONE	N/A	1.7	1.7	1.7	1.7	1.7
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	N/A	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos in Soil	Type	N/A	ISO 17025	N/A	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	<0.001					
Asbestos Quantification Total	%	0.001	ISO 17025	<0.001					
General Inorganics									
pH - Automated	pH Units	N/A	MCERTS	N/A	9	5.1	5.4	9.5	4.8
Total Cyanide	mg/kg	1	MCERTS	N/A	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	N/A	2.24	0.052	0.059	0.46	0.437
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	N/A	1700	360	200	3200	290
Water Soluble SO4 16hr extraction (2:1) Leachate Equivalent	µf	0.00125	MCERTS	N/A	1.8	0.13	0.11	1.6	0.14
Water Soluble SO4 16hr extraction (2:1) Leachate Equivalent	mg/l	2.5	MCERTS	N/A	1850	131	112	1600	143
Total Organic Carbon (TOC)	%	0.1	MCERTS	N/A	1.4	1.2	0.2	0.4	0.5
Total Phenols	mg/kg	1	MCERTS	N/A	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Speciated PAHs									
Naphthalene	mg/kg	0.05	MCERTS	460	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	97000	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	97000	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	68000	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	22000	1.3	< 0.05	< 0.05	< 0.05	< 0.29
Anthracene	mg/kg	0.05	MCERTS	540000	0.23	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	23000	2.1	< 0.05	< 0.05	< 0.05	< 0.58
Pyrene	mg/kg	0.05	MCERTS	54000	1.7	< 0.05	< 0.05	< 0.05	< 0.51
Benzo[a]anthracene	mg/kg	0.05	MCERTS	170	1.1	< 0.05	< 0.05	< 0.05	< 0.48
Chrysene	mg/kg	0.05	MCERTS	350	0.65	< 0.05	< 0.05	< 0.05	< 0.66
Benzo[b]fluoranthene	mg/kg	0.05	MCERTS	44	1.2	< 0.05	< 0.05	< 0.05	< 0.64
Benzo[k]fluoranthene	mg/kg	0.05	MCERTS	1200	0.62	< 0.05	< 0.05	< 0.05	< 0.36
Benzo[a]pyrene	mg/kg	0.05	MCERTS	76	0.94	< 0.05	< 0.05	< 0.05	< 0.52
Indeno[1,2,3-cd]pyrene	mg/kg	0.05	MCERTS	510	0.56	< 0.05	< 0.05	< 0.05	< 0.37
Dibenz[a,h]anthracene	mg/kg	0.05	MCERTS	3.6	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo[ghi]perylene	mg/kg	0.05	MCERTS	4000	0.58	< 0.05	< 0.05	< 0.05	< 0.44
Total PAH	mg/kg	0.8	MCERTS	N/A	11.2	< 0.80	< 0.80	< 0.80	< 4.65
Speciated Total EPA-16 PAHs									
Heavy Metals / Metalloids									
Arsenic (aquia regia extractable)	mg/kg	1	MCERTS	640	28	5.1	20	21	17
Cadmium (aquia regia extractable)	mg/kg	0.2	MCERTS	410	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (Hexavalent)	mg/kg	1.2	MCERTS	48	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aquia regia extractable)	mg/kg	1	MCERTS	8600	30	9.3	61	42	58
Copper (aquia regia extractable)	mg/kg	1	MCERTS	68000	110	4	7.6	42	9.8
Lead (aquia regia extractable)	mg/kg	1	MCERTS	2330	390	6.7	9.5	14	12
Mercury (aquia regia extractable)	mg/kg	0.3	MCERTS	1100	< 0.3	0.3	< 0.3	0.5	< 0.3
Nickel (aquia regia extractable)	mg/kg	1	MCERTS	980	24	1.5	13	46	11
Selenium (aquia regia extractable)	mg/kg	1	MCERTS	12000	7	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aquia regia extractable)	mg/kg	1	MCERTS	730000	240	14	34	40	34
Monoaromatics & Oxygenates									
Benzene	µg/g	1	MCERTS	98	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/g	1	MCERTS	110000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/g	1	MCERTS	13000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/g	1	MCERTS	14000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/g	1	MCERTS	15000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/g	1	MCERTS	N/A	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Petroleum Hydrocarbons									
TPH-CWG - Aliphatic EC5 - EC6	mg/kg	0.001	MCERTS	5900	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic EC6 - EC8	mg/kg	0.001	MCERTS	17000	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic EC8 - EC10	mg/kg	0.001	MCERTS	4800	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic EC10 - EC12	mg/kg	1	MCERTS	23000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic EC12 - EC16	mg/kg	2	MCERTS	82000	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic EC16 - EC21	mg/kg	8	MCERTS	1700000	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic EC21 - EC35	mg/kg	10	MCERTS	N/A	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic EC5 - EC7	mg/kg	0.001	MCERTS	46000	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic EC7 - EC8	mg/kg	0.001	MCERTS	110000	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic EC8 - EC10	mg/kg	0.001	MCERTS	8100	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic EC10 - EC12	mg/kg	1	MCERTS	28000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic EC12 - EC16	mg/kg	2	MCERTS	37000	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic EC16 - EC21	mg/kg	10	MCERTS	28000	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic EC21 - EC35	mg/kg	10	MCERTS	28000	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	N/A	< 10	< 10	< 10	< 10	< 10

Screening Table
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Lab Sample Number	1740742	1740743	1740744	1740745	1740746	1740747	1740748	1740749	1740750	
Sample Reference	WS27	WS28	WS28	WS29	WS29	WS40	WS22	WS21	WS16	
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Depth (m)	0.5	0.2	0.5	0.2	0.5	0.5	0.5	0.5	0.3	
Date Sampled	14/01/2021	14/01/2021	14/01/2021	14/01/2021	14/01/2021	14/01/2021	14/01/2021	14/01/2021	14/01/2021	
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	
Analytical Parameter (Soil Analysis)	Units	Units	Units	Units	Units	Units	Units	Units	Units	
Stone Content	%	0.1	NONE	N/A	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	N/A	16	8.7	20	17	21	18
Total mass of sample received	kg	0.001	NONE	N/A	1.7	1.7	1.5	1.7	1.7	1.7
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	N/A	None Detected	None Detected	None Detected	None Detected	None Detected	None Detected
Asbestos in Soil	Type	N/A	ISO 17025	N/A	Not detected	Not detected	Not detected	Not detected	Not detected	Not detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	< 0.001						
Asbestos Quantification Total	%	0.001	ISO 17025	< 0.001						
General Inorganics										
pH - Automated	pH Units	N/A	MCERTS	N/A	9.3	10.8	8.4	10.2	5.9	6.0
Total Cyanide	mg/kg	1	MCERTS	N/A	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Sulphate as SO4	%	0.005	MCERTS	N/A	0.011	0.179	0.01	0.048	0.021	0.03
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	N/A	44	420	15	160	98	150
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	µf	0.00125	MCERTS	N/A	0.022	0.21	0.0075	0.078	0.049	0.077
Water Soluble SO4 16hr extraction (2:1 Leachate Equivalent)	mg/l	1.25	MCERTS	N/A	21.8	208	7.5	77.7	49.2	76.9
Total Organic Carbon (TOC)	%	0.1	MCERTS	N/A	< 0.1	0.3	< 0.1	< 0.1	< 0.1	< 0.1
Total Phenols										
Total Phenols (monohydric)	mg/kg	1	MCERTS	N/A	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Speciated PAHs										
Naphthalene	mg/kg	0.05	MCERTS	460	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	97000	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	97000	< 0.05	0.22	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	68000	< 0.05	0.32	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	22000	< 0.05	8.3	< 0.05	3.2	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	540000	< 0.05	0.98	< 0.05	0.48	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	23000	< 0.05	8.9	< 0.05	3	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	54000	< 0.05	6.7	< 0.05	2.3	< 0.05	< 0.05
Benzo[a]anthracene	mg/kg	0.05	MCERTS	170	< 0.05	3.7	< 0.05	1.1	< 0.05	< 0.05
Chrysenes	mg/kg	0.05	MCERTS	350	< 0.05	2.4	< 0.05	0.99	< 0.05	< 0.05
Benzo[b]fluoranthene	mg/kg	0.05	MCERTS	44	< 0.05	2.6	< 0.05	0.88	< 0.05	< 0.05
Benzo[k]fluoranthene	mg/kg	0.05	MCERTS	1200	< 0.05	2	< 0.05	0.6	< 0.05	< 0.05
Benzo[a]pyrene	mg/kg	0.05	MCERTS	76	< 0.05	2.5	< 0.05	0.64	< 0.05	< 0.05
Indeno[1,2,3-cd]pyrene	mg/kg	0.05	MCERTS	510	< 0.05	0.98	< 0.05	0.29	< 0.05	< 0.05
Dibenz[a,h]anthracene	mg/kg	0.05	MCERTS	3.6	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo[ghi]perylene	mg/kg	0.05	MCERTS	4000	< 0.05	1.2	< 0.05	0.37	< 0.05	< 0.05
Total PAH										
Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	N/A	< 0.80	40.8	< 0.80	13.8	< 0.80	< 0.80
Heavy Metals / Metalloids										
Arsenic (aquia regia extractable)	mg/kg	1	MCERTS	640	4.7	5.2	1.4	2.8	3.6	5
Cadmium (aquia regia extractable)	mg/kg	0.2	MCERTS	410	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (Hexavalent)	mg/kg	1.2	MCERTS	48	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aquia regia extractable)	mg/kg	1	MCERTS	8600	9.5	11	3.7	8	7.4	16
Copper (aquia regia extractable)	mg/kg	1	MCERTS	68000	6	10	4.6	7	6.4	3.9
Lead (aquia regia extractable)	mg/kg	1	MCERTS	2330	6.3	5.6	4.1	4.3	5.2	8
Mercury (aquia regia extractable)	mg/kg	0.3	MCERTS	1100	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aquia regia extractable)	mg/kg	1	MCERTS	980	1.4	3.6	< 1.0	3.8	1.3	2.8
Selenium (aquia regia extractable)	mg/kg	1	MCERTS	12000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aquia regia extractable)	mg/kg	1	MCERTS	730000	7.3	17	2.5	6.4	4	8.6
Monoaromatics & Oxygenates										
Benzene	µg/g	1	MCERTS	98	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/g	1	MCERTS	110000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/g	1	MCERTS	13000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/g	1	MCERTS	14000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/g	1	MCERTS	15000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/g	1	MCERTS	N/A	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Petroleum Hydrocarbons										
TPH-CWG - Aliphatic <EC5 - EC6	mg/kg	0.001	MCERTS	5900	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic <EC6 - EC8	mg/kg	0.001	MCERTS	17000	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic <EC8 - EC10	mg/kg	0.001	MCERTS	4800	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic <EC10 - EC12	mg/kg	1	MCERTS	23000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic <EC12 - EC16	mg/kg	2	MCERTS	82000	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic <EC16 - EC21	mg/kg	8	MCERTS	3700000	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic <EC21 - EC35	mg/kg	10	MCERTS	N/A	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic <EC5 - EC7	mg/kg	0.001	MCERTS	46000	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic <EC7 - EC8	mg/kg	0.001	MCERTS	110000	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic <EC8 - EC10	mg/kg	0.001	MCERTS	8100	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic <EC10 - EC12	mg/kg	1	MCERTS	28000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic <EC12 - EC16	mg/kg	2	MCERTS	37000	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic <EC16 - EC21	mg/kg	10	MCERTS	28000	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic <EC21 - EC35	mg/kg	10	MCERTS	28000	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic <EC35 - EC38	mg/kg	10	MCERTS	N/A	< 10	48	< 10	27	< 10	< 10

Screening Table
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Lab Sample Number				1740735	1740736	1740737	1740738	1740739	1740740	1740741
Sample Reference				WS01	WS10	WS10	WS05	WS05	WS06	WS06
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.1	0.25	0.5	0.2	0.5	0.2	0.5
Date Sampled				15/01/2021	15/01/2021	15/01/2021	15/01/2021	15/01/2021	15/01/2021	15/01/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of Detection (mg/kg)	Analysis Method	1740735	1740736	1740737	1740738	1740739	1740740	1740741
Stone Content	%	0.1	NONE	N/A	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	N/A	13	10	8.7	17	14	11
Total mass of sample received	kg	0.001	NONE	N/A	1.2	1.7	1.7	1.2	1.7	1.5
Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	N/A	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos in Soil	Type	N/A	ISO 17025	N/A	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	< 0.001	-	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	< 0.001	-	-	-	-	-	-
General Inorganics										
pH - Automated	pH Units	N/A	MCERTS	N/A	11.6	7.2	12	9.4	7.3	10.4
Total Cyanide	mg/kg	1	MCERTS	N/A	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Sulphate as SO4	%	0.005	MCERTS	N/A	0.304	0.115	0.301	0.158	0.111	0.123
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	N/A	55	100	42	160	99	270
Water Soluble SO4 16hr extraction (2:1) Leachate Equivalent	µf	0.00125	MCERTS	N/A	0.027	0.06	0.021	0.08	0.049	0.29
Water Soluble SO4 16hr extraction (2:1) Leachate Equivalent	mg/l	1.25	MCERTS	N/A	27.3	60.4	21.1	79.8	49.4	287
Total Organic Carbon (TOC)	%	0.1	MCERTS	N/A	0.8	0.2	0.3	0.5	0.2	0.2
Total Phenols	mg/kg	1	MCERTS	N/A	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Speciated PAHs										
Naphthalene	mg/kg	0.05	MCERTS	460	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	97000	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	97000	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	68000	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	22000	0.62	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	540000	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	23000	0.85	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	54000	0.68	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo[a]anthracene	mg/kg	0.05	MCERTS	170	0.46	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	350	0.41	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo[b]fluoranthene	mg/kg	0.05	MCERTS	44	0.45	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo[k]fluoranthene	mg/kg	0.05	MCERTS	1200	0.2	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo[a]pyrene	mg/kg	0.05	MCERTS	76	0.34	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno[1,2,3-cd]pyrene	mg/kg	0.05	MCERTS	510	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz[a,h]anthracene	mg/kg	0.05	MCERTS	3.6	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo[e]pyrene	mg/kg	0.05	MCERTS	4000	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Total PAH	mg/kg	0.8	MCERTS	N/A	4.01	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80
Heavy Metals / Metalloids										
Arsenic (aqueous extractable)	mg/kg	1	MCERTS	640	6	15	7.7	8.1	3.7	1.7
Cadmium (aqueous extractable)	mg/kg	0.2	MCERTS	410	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (Hexavalent)	mg/kg	1.2	MCERTS	43	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqueous extractable)	mg/kg	1	MCERTS	8600	15	14	17	14	9.2	14
Copper (aqueous extractable)	mg/kg	1	MCERTS	68000	30	18	31	43	20	5.7
Lead (aqueous extractable)	mg/kg	1	MCERTS	2330	18	9.2	23	16	6.1	7.7
Mercury (aqueous extractable)	mg/kg	0.3	MCERTS	1100	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqueous extractable)	mg/kg	1	MCERTS	980	16	2.2	12	29	15	2
Selenium (aqueous extractable)	mg/kg	1	MCERTS	12000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqueous extractable)	mg/kg	1	MCERTS	730000	38	16	42	49	13	6.2
Monoaromatics & Oxygenates										
Benzene	µg/kg	1	MCERTS	98	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	110000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	13000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	14000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	15000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	N/A	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Petroleum Hydrocarbons										
TPH-CWG - Aliphatic - EC5 - EC6	mg/kg	0.001	MCERTS	5900	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic - EC6 - EC8	mg/kg	0.001	MCERTS	17000	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic - EC8 - EC10	mg/kg	0.001	MCERTS	4800	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic - EC10 - EC12	mg/kg	1	MCERTS	23000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic - EC12 - EC16	mg/kg	2	MCERTS	82000	5.6	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic - EC16 - EC21	mg/kg	8	MCERTS	1700000	47	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic - EC21 - EC35	mg/kg	8	MCERTS	1700000	660	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	N/A	720	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic - EC5 - EC7	mg/kg	0.001	MCERTS	46000	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic - EC7 - EC8	mg/kg	0.001	MCERTS	110000	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic - EC8 - EC10	mg/kg	0.001	MCERTS	8100	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic - EC10 - EC12	mg/kg	1	MCERTS	28000	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic - EC12 - EC16	mg/kg	2	MCERTS	37000	2.4	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic - EC16 - EC21	mg/kg	10	MCERTS	28000	11	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic - EC21 - EC35	mg/kg	10	MCERTS	28000	74	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	N/A	87	< 10	< 10	< 10	< 10	< 10



Charlie Bruinvels
Paragon New Homes Ltd
The Harlequin Building
65 Southwark Street
London
SE1 0HR

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

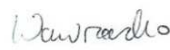
t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

e: charliebruinvels@paragonbc.co.uk

Analytical Report Number : 21-50506

Replaces Analytical Report Number: 21-50506, issue no. 1
Additional analysis undertaken.

Project / Site name:	Longcross	Samples received on:	12/01/2021
Your job number:	201250	Samples instructed on/ Analysis started on:	12/01/2021
Your order number:	201250-CB	Analysis completed by:	28/01/2021
Report Issue Number:	2	Report issued on:	28/01/2021
Samples Analysed:	35 soil samples		

Signed: 
Joanna Wawrzeczek
Technical Reviewer (Reporting Team)
For & on behalf of i2 Analytical Ltd.

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

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

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

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

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

Analytical Report Number: 21-50506

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number				1734620	1734621	1734622	1734623	1734624
Sample Reference				WS04	WS09	WS09	WS19	WS19
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.20	1.50	0.20	1.20
Date Sampled				11/01/2021	11/01/2021	11/01/2021	11/01/2021	11/01/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	17	6.9	9.5	15	14
Total mass of sample received	kg	0.001	NONE	2	1.7	2	2	1.7

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	5	8.6	7.6	8	4.5
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	0.024	0.024	0.055	0.066	0.047
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	100	63	36	170	130
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.05	0.032	0.018	0.084	0.065
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	49.8	31.5	17.9	83.7	65.3
Total Organic Carbon (TOC)	%	0.1	MCERTS	< 0.1	0.3	< 0.1	1.4	< 0.1

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	1.2	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	1.2	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.63	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.54	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.73	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.41	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.6	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.28	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.35	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	< 0.80	< 0.80	6	< 0.80
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Analytical Report Number: 21-50506

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number	1734620	1734621	1734622	1734623	1734624
Sample Reference	WS04	WS09	WS09	WS19	WS19
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.30	0.20	1.50	0.20	1.20
Date Sampled	11/01/2021	11/01/2021	11/01/2021	11/01/2021	11/01/2021
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status		

Heavy Metals / Metalloids

Parameter	Units	Limit of detection	Accreditation Status	1734620	1734621	1734622	1734623	1734624
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	11	22	8.1	8	3.4
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	14	35	6.7	18	14
Copper (aqua regia extractable)	mg/kg	1	MCERTS	11	16	11	30	14
Lead (aqua regia extractable)	mg/kg	1	MCERTS	5.7	12	4.7	84	5.6
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	3.4	12	1.6	13	3.7
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	15	30	13	63	18

Monoaromatics & Oxygenates

Parameter	Units	Limit of detection	Accreditation Status	1734620	1734621	1734622	1734623	1734624
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

Parameter	Units	Limit of detection	Accreditation Status	1734620	1734621	1734622	1734623	1734624
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	13	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	< 8.0	37	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	52	< 10	< 10

Parameter	Units	Limit of detection	Accreditation Status	1734620	1734621	1734622	1734623	1734624
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	< 10	< 10	19	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	24	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-50506

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number				1734625	1734626	1734627	1734628	1734629
Sample Reference				WS35	WS35	WS45	WS45	WS47
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10	0.50	0.40	0.90	0.10
Date Sampled				11/01/2021	11/01/2021	11/01/2021	11/01/2021	11/01/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	6.5	13	10	12	4.2
Total mass of sample received	kg	0.001	NONE	1.7	2	1.7	1.7	1.7

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.8	5.2	5.5	6.5	11.3
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	0.014	0.02	0.016	0.023	0.378
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	100	120	47	92	250
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.051	0.06	0.023	0.046	0.12
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	51.2	60	23.3	46.1	124
Total Organic Carbon (TOC)	%	0.1	MCERTS	0.2	0.1	< 0.1	0.4	0.6

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.76
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	5
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	4.1
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	45
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	12
Fluoranthene	mg/kg	0.05	MCERTS	0.45	< 0.05	< 0.05	< 0.05	68
Pyrene	mg/kg	0.05	MCERTS	0.53	< 0.05	< 0.05	< 0.05	45
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.32	< 0.05	< 0.05	< 0.05	30
Chrysene	mg/kg	0.05	MCERTS	0.21	< 0.05	< 0.05	< 0.05	21
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	0.37	< 0.05	< 0.05	< 0.05	32
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	0.16	< 0.05	< 0.05	< 0.05	8.8
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.39	< 0.05	< 0.05	< 0.05	21
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	9.9
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	3.3
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	11

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	2.43	< 0.80	< 0.80	< 0.80	316
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Analytical Report Number: 21-50506

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number				1734625	1734626	1734627	1734628	1734629
Sample Reference				WS35	WS35	WS45	WS45	WS47
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10	0.50	0.40	0.90	0.10
Date Sampled				11/01/2021	11/01/2021	11/01/2021	11/01/2021	11/01/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	7.2	3.7	5.8	6.9	11
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	17	23	29	28	19
Copper (aqua regia extractable)	mg/kg	1	MCERTS	11	12	9.5	11	34
Lead (aqua regia extractable)	mg/kg	1	MCERTS	17	6.2	4.8	6.4	9.2
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	5.3	4.2	6.9	11	15
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	22	15	23	29	50

Monoaromatics & Oxygenates

Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	2
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	40
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	180
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	14	< 8.0	< 8.0	< 8.0	180
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	14	< 10	< 10	< 10	400

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	3.9
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	25
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	240
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	28	< 10	< 10	< 10	420
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	34	< 10	< 10	< 10	690

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-50506

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number				1734630	1734631	1734632	1734633	1734634
Sample Reference				WS47	WS54	WS54	WS58	WS58
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.50	0.20	1.50	0.30	0.75
Date Sampled				11/01/2021	11/01/2021	11/01/2021	11/01/2021	11/01/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	14	10	11	7.1	9.9
Total mass of sample received	kg	0.001	NONE	2	2	2	2	2

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	5.6	9.5	6.3	8	7.1
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	0.014	0.192	0.011	0.018	0.022
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	42	700	35	59	32
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.021	0.35	0.018	0.03	0.016
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	20.9	350	17.5	29.6	16
Total Organic Carbon (TOC)	%	0.1	MCERTS	1	1.1	0.4	1.4	1.7

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	1.5	< 0.05	< 0.05	0.52
Anthracene	mg/kg	0.05	MCERTS	< 0.05	0.43	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	2.8	< 0.05	< 0.05	1.2
Pyrene	mg/kg	0.05	MCERTS	< 0.05	2.9	< 0.05	< 0.05	1.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	1.6	< 0.05	< 0.05	0.74
Chrysene	mg/kg	0.05	MCERTS	< 0.05	1.3	< 0.05	< 0.05	0.5
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	1.7	< 0.05	< 0.05	0.8
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.52	< 0.05	< 0.05	0.33
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.91	< 0.05	< 0.05	0.66
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.65	< 0.05	< 0.05	0.28
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	0.91	< 0.05	< 0.05	0.4

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	15.2	< 0.80	< 0.80	6.74
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Analytical Report Number: 21-50506

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number				1734630	1734631	1734632	1734633	1734634
Sample Reference				WS47	WS54	WS54	WS58	WS58
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.50	0.20	1.50	0.30	0.75
Date Sampled				11/01/2021	11/01/2021	11/01/2021	11/01/2021	11/01/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	7.1	16	3	2.8	7.5
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	0.6	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	25	32	12	12	21
Copper (aqua regia extractable)	mg/kg	1	MCERTS	13	53	13	16	20
Lead (aqua regia extractable)	mg/kg	1	MCERTS	4.9	240	4.2	7.8	19
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	5.8	25	4.3	11	12
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	25	160	17	19	58

Monoaromatics & Oxygenates

Compound	Units	Limit of detection	Accreditation Status					
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

Compound	Units	Limit of detection	Accreditation Status					
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	1.5	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	3.1	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	17	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	160	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	180	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	2.3	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	4.8	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	25	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	180	< 10	< 10	16
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	210	< 10	< 10	22

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-50506

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number				1734635	1734636	1734637	1734638	1734639
Sample Reference				WS58	WS69	WS70	WS70	WS71
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	0.30	0.40	2.60	0.20
Date Sampled				11/01/2021	11/01/2021	11/01/2021	11/01/2021	11/01/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	26	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	14	2	4	12	11
Total mass of sample received	kg	0.001	NONE	2	2	2	2	1.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	Chrysotile
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	1.966
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	1.97

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	5.5	10.2	11.6	8.7	10.8
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	0.014	0.141	0.19	0.011	0.108
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	49	540	38	35	140
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.025	0.27	0.019	0.017	0.072
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	24.7	273	19.2	17.3	72.4
Total Organic Carbon (TOC)	%	0.1	MCERTS	0.1	2.7	1.5	1	1

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	1.2
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	1.5
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	3.5
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	0.21	0.5	0.3	33
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	6.9
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.57	1.6	0.35	33
Pyrene	mg/kg	0.05	MCERTS	< 0.05	0.74	1.6	0.32	26
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.2	0.9	< 0.05	14
Chrysene	mg/kg	0.05	MCERTS	< 0.05	0.3	1	< 0.05	11
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.93	1.4	< 0.05	11
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.26	0.77	< 0.05	5.7
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.71	1.3	< 0.05	11
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.58	0.73	< 0.05	3.9
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.99
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	0.87	1	< 0.05	4.5

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	5.37	10.8	0.97	166
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Analytical Report Number: 21-50506

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number				1734635	1734636	1734637	1734638	1734639
Sample Reference				WS58	WS69	WS70	WS70	WS71
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	0.30	0.40	2.60	0.20
Date Sampled				11/01/2021	11/01/2021	11/01/2021	11/01/2021	11/01/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	5.1	5.5	8.6	22	11
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	20	18	21	15	25
Copper (aqua regia extractable)	mg/kg	1	MCERTS	14	42	46	18	63
Lead (aqua regia extractable)	mg/kg	1	MCERTS	4.5	5.9	34	6.2	40
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	4.5	20	20	5.4	17
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	23	47	81	22	120

Monoaromatics & Oxygenates

Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	1.6	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	22	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	9.6	130	< 8.0	8.5
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	200	670	< 8.0	47
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	210	820	< 10	56

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	1.5	< 1.0	< 1.0	17
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	2.7	< 2.0	< 2.0	31
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	37	< 10	130
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	210	330	< 10	83
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	230	370	< 10	260

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-50506

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number	1734640	1734641	1734642	1734643	1734644			
Sample Reference	WS71	WS73a	WS73a	WS74	WS74			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.40	0.50	1.20	0.30	1.20			
Date Sampled	11/01/2021	11/01/2021	11/01/2021	11/01/2021	11/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	19	12	20	11	7.9
Total mass of sample received	kg	0.001	NONE	2	1.5	1.7	1.7	2

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	Chrysotile & Amosite & Crocidolite	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	0.103	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	0.103	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.4	8.9	7.2	7.5	6
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	0.01	0.14	0.024	0.112	0.053
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	33	260	150	540	320
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.017	0.13	0.077	0.27	0.16
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	16.7	131	77.2	272	162
Total Organic Carbon (TOC)	%	0.1	MCERTS	0.9	0.8	0.5	1.1	0.3

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	1	< 0.05	0.42	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	0.23	< 0.05	0.17	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	1.8	< 0.05	1.4	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	1.6	< 0.05	1.5	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	1.1	< 0.05	0.85	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	0.84	< 0.05	0.56	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	1.2	< 0.05	0.74	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.42	< 0.05	0.44	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.86	< 0.05	0.74	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.56	< 0.05	0.36	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	0.59	< 0.05	0.44	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	10.2	< 0.80	7.61	< 0.80
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Analytical Report Number: 21-50506

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number				1734640	1734641	1734642	1734643	1734644
Sample Reference				WS71	WS73a	WS73a	WS74	WS74
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.40	0.50	1.20	0.30	1.20
Date Sampled				11/01/2021	11/01/2021	11/01/2021	11/01/2021	11/01/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	3.6	16	2.2	7.4	12
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	7	30	9.1	17	21
Copper (aqua regia extractable)	mg/kg	1	MCERTS	15	28	13	25	13
Lead (aqua regia extractable)	mg/kg	1	MCERTS	3.7	67	5.2	17	7.8
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	3.3	18	3.2	20	8.5
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	14	96	17	44	22

Monoaromatics & Oxygenates

Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	12	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	24	< 10	19	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	36	< 10	28	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-50506

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number	1734645	1734646	1734647	1734648	1734649			
Sample Reference	WS75	WS75	WS75	WS76a	WS77			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.50	0.35	2.50	0.20	0.40			
Date Sampled	11/01/2021	11/01/2021	11/01/2021	11/01/2021	11/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	19	7.5	8.6	6.8	12
Total mass of sample received	kg	0.001	NONE	1.7	1	1.7	1.7	2

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.8	10	5.9	9.6	7.6
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	0.048	0.24	0.029	0.048	0.011
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	120	1600	160	140	63
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.062	0.82	0.078	0.07	0.032
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	62.2	818	78.2	69.8	31.7
Total Organic Carbon (TOC)	%	0.1	MCERTS	2	0.4	< 0.1	1.3	0.4

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.26	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.33	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.18	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.18	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	< 0.80	< 0.80	0.95	< 0.80
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Analytical Report Number: 21-50506

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number				1734645	1734646	1734647	1734648	1734649
Sample Reference				WS75	WS75	WS75	WS76a	WS77
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.50	0.35	2.50	0.20	0.40
Date Sampled				11/01/2021	11/01/2021	11/01/2021	11/01/2021	11/01/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	6.1	9.9	7	8.9	1.6
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	13	23	30	17	4.2
Copper (aqua regia extractable)	mg/kg	1	MCERTS	17	24	18	34	13
Lead (aqua regia extractable)	mg/kg	1	MCERTS	18	21	6	22	2.7
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	3.8	20	8	16	1.3
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	24	34	25	84	10

Monoaromatics & Oxygenates

Parameter	Units	Limit of detection	Accreditation Status					
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

Parameter	Units	Limit of detection	Accreditation Status					
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	16
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	16

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-50506

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number				1734650	1734651	1734652	1734653	1734654
Sample Reference				WS77	WS78	WS78	WS79	WS79
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	0.50	1.50	0.50	1.50
Date Sampled				11/01/2021	11/01/2021	11/01/2021	11/01/2021	11/01/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	8.2	18	18	16	12
Total mass of sample received	kg	0.001	NONE	1.7	1.7	2	2	2

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	4.5	4.3	4.8	6.5	6.1
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	0.031	0.094	0.024	0.037	0.012
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	120	460	110	200	19
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.059	0.23	0.056	0.098	0.0094
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	58.7	231	56	98	9.4
Total Organic Carbon (TOC)	%	0.1	MCERTS	0.9	2.6	0.2	1.5	0.2

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.32	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.51	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.19	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.18	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	< 0.80	< 0.80	1.2	< 0.80
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Analytical Report Number: 21-50506
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number				1734650	1734651	1734652	1734653	1734654
Sample Reference				WS77	WS78	WS78	WS79	WS79
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				1.50	0.50	1.50	0.50	1.50
Date Sampled				11/01/2021	11/01/2021	11/01/2021	11/01/2021	11/01/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	13	7.8	8.2	4.2	9
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	29	20	48	12	27
Copper (aqua regia extractable)	mg/kg	1	MCERTS	15	12	12	11	12
Lead (aqua regia extractable)	mg/kg	1	MCERTS	6.9	16	7.7	11	11
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	8.8	4.9	14	3.7	7
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	33	23	37	22	29

Monoaromatics & Oxygenates

Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample



Analytical Report Number: 21-50506
Project / Site name: Longcross
Your Order No: 201250-CB

Certificate of Analysis - Asbestos Quantification

Methods:

Qualitative Analysis

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

Quantitative Analysis

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

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

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

Both Qualitative and Quantitative Analyses are UKAS accredited.

Sample Number	Sample ID	Sample Depth (m)	Sample Weight (g)	Asbestos Containing Material Types Detected (ACM)	PLM Results	Asbestos by hand picking/weighing (%)	Total % Asbestos in Sample
1734639	WS71	0.20	137	Hard/Cement Type Material	Chrysotile	1.966	1.97
1734641	WS73a	0.50	134	Hard/Cement Type Material & Loose Fibrous Debris & Loose Fibres	Chrysotile & Amosite & Crocidolite	0.103	0.103

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

Analytical Report Number : 21-50506

Project / Site name: Longcross

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

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

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
1734620	WS04	None Supplied	0.3	Brown clay.
1734621	WS09	None Supplied	0.2	Brown clay and loam with gravel.
1734622	WS09	None Supplied	1.5	Brown sandy clay.
1734623	WS19	None Supplied	0.2	Brown clay and loam with gravel.
1734624	WS19	None Supplied	1.2	Brown clay and sand.
1734625	WS35	None Supplied	0.1	Brown clay and sand with gravel.
1734626	WS35	None Supplied	0.5	Brown clay and sand with gravel.
1734627	WS45	None Supplied	0.4	Brown clay and sand with gravel.
1734628	WS45	None Supplied	0.9	Brown clay and sand with gravel.
1734629	WS47	None Supplied	0.1	Brown loam and sand with gravel.
1734630	WS47	None Supplied	0.5	Brown sand.
1734631	WS54	None Supplied	0.2	Brown gravelly loam.
1734632	WS54	None Supplied	1.5	Brown sand.
1734633	WS58	None Supplied	0.3	Brown loam.
1734634	WS58	None Supplied	0.75	Brown loam and clay with gravel and fibres.
1734635	WS58	None Supplied	1.5	Brown sand.
1734636	WS69	None Supplied	0.3	Brown sand with gravel.
1734637	WS70	None Supplied	0.4	Brown gravelly loam with stones.
1734638	WS70	None Supplied	2.6	Brown sand.
1734639	WS71	None Supplied	0.2	Brown loam and clay with gravel.
1734640	WS71	None Supplied	1.4	Brown sand.
1734641	WS73a	None Supplied	0.5	Brown loam and sand with gravel and glass.
1734642	WS73a	None Supplied	1.2	Brown clay and sand.
1734643	WS74	None Supplied	0.3	Brown loam and sand with gravel.
1734644	WS74	None Supplied	1.2	Brown loam and sand with gravel.
1734645	WS75	None Supplied	0.5	Brown sand with gravel.
1734646	WS75	None Supplied	0.35	Brown loam and sand with gravel.
1734647	WS75	None Supplied	2.5	Brown sand with gravel.
1734648	WS76a	None Supplied	0.2	Brown gravelly loam.
1734649	WS77	None Supplied	0.4	Brown sand.
1734650	WS77	None Supplied	1.5	Brown loam and sand with gravel.
1734651	WS78	None Supplied	0.5	Brown loam and sand with gravel.
1734652	WS78	None Supplied	1.5	Brown clay and sand.
1734653	WS79	None Supplied	0.5	Brown clay and loam with gravel.
1734654	WS79	None Supplied	1.5	Brown clay and loam with gravel.

Analytical Report Number : 21-50506
Project / Site name: Longcross

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with disperion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Hexavalent chromium in soil (Lower Level)	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	MCERTS
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (skalar)	L080-PL	W	MCERTS
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Total cyanide in soil	Determination of total cyanide by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	MCERTS
Total organic carbon (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L009-PL	D	MCERTS
BTEX and MTBE in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS.	In-house method based on USEPA8260	L073B-PL	W	MCERTS
TPHCWG (Soil)	Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID.	In-house method with silica gel split/clean up.	L088/76-PL	W	MCERTS
Asbestos Quantification - Gravimetric	Asbestos quantification by gravimetric method - in house method based on references.	HSE Report No: 83/1996, HSG 248, HSG 264 & SCA Blue Book (draft).	A006-PL	D	ISO 17025
Total Sulphate in soil as %	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES.	In house method.	L038-PL	D	MCERTS
Sulphate, water soluble, in soil	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS



Analytical Report Number : 21-50506
Project / Site name: Longcross

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
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For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.
 For method numbers ending in 'PL' analysis have been carried out in our laboratory in Poland.
 Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.



Charlie Bruinvels
Paragon New Homes Ltd
The Harlequin Building
65 Southwark Street
London
SE1 0HR

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

e: charliebruinvels@paragonbc.co.uk

Analytical Report Number : 21-50812

Replaces Analytical Report Number: 21-50812, issue no. 1
Additional analysis undertaken.

Project / Site name:	Longcross	Samples received on:	13/01/2021
Your job number:	201250	Samples instructed on/ Analysis started on:	13/01/2021
Your order number:	201250-CB	Analysis completed by:	29/01/2021
Report Issue Number:	2	Report issued on:	29/01/2021
Samples Analysed:	34 soil samples		

Signed:

Joanna Wawrzeczko
Technical Reviewer (Reporting Team)
For & on behalf of i2 Analytical Ltd.

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

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

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

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

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

Analytical Report Number: 21-50812
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1736161	1736162	1736163	1736164	1736165			
Sample Reference	WS72	WS72	WS72	WS66	WS66			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.50	1.20	1.60	0.20	0.60			
Date Sampled	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	12	32	13	13	15
Total mass of sample received	kg	0.001	NONE	2	1.5	2	2	1.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	Chrysotile	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	< 0.001	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	< 0.001	-	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8	6.1	5.9	9.8	8.9
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	0.096	0.149	0.027	0.114	0.05
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	550	650	82	170	40
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.27	0.32	0.041	0.085	0.02
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	274	325	41	84.9	19.8
Total Organic Carbon (TOC)	%	0.1	MCERTS	1.1	4.1	0.2	0.9	0.2

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	0.33	< 0.05	< 0.05	0.62	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.61	< 0.05	< 0.05	6.7	< 0.05
Fluorene	mg/kg	0.05	MCERTS	0.52	< 0.05	< 0.05	5.8	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	6.5	1.2	0.67	45	0.2
Anthracene	mg/kg	0.05	MCERTS	2.1	0.27	< 0.05	16	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	12	1.9	1.3	69	0.36
Pyrene	mg/kg	0.05	MCERTS	10	1.6	1.1	63	0.33
Benzo(a)anthracene	mg/kg	0.05	MCERTS	7.5	0.97	0.89	42	0.2
Chrysene	mg/kg	0.05	MCERTS	4.6	0.86	0.49	27	0.15
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	6.6	1.2	0.8	39	0.2
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	2.7	0.22	0.23	13	0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	5.9	0.91	0.65	36	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	3.2	0.54	0.39	18	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.8	< 0.05	< 0.05	4.2	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	3.9	0.6	0.47	20	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	67	10.3	6.97	406	1.49
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Analytical Report Number: 21-50812
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1736161				1736162				1736163				1736164				1736165			
Sample Reference	WS72				WS72				WS72				WS66				WS66			
Sample Number	None Supplied				None Supplied				None Supplied				None Supplied				None Supplied			
Depth (m)	0.50				1.20				1.60				0.20				0.60			
Date Sampled	12/01/2021				12/01/2021				12/01/2021				12/01/2021				12/01/2021			
Time Taken	None Supplied				None Supplied				None Supplied				None Supplied				None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status																	

Heavy Metals / Metalloids

Parameter	Units	Limit of detection	Accreditation Status	1736161	1736162	1736163	1736164	1736165
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	9.6	14	6.2	6.3	5
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	0.4	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	22	13	27	17	14
Copper (aqua regia extractable)	mg/kg	1	MCERTS	17	12	4.5	10	3.4
Lead (aqua regia extractable)	mg/kg	1	MCERTS	100	40	6.6	100	5.9
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	20	12	6.4	8.2	3.8
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	49	78	17	74	12

Monoaromatics & Oxygenates

Parameter	Units	Limit of detection	Accreditation Status	1736161	1736162	1736163	1736164	1736165
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

Parameter	Units	Limit of detection	Accreditation Status	1736161	1736162	1736163	1736164	1736165
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	1.8	< 1.0	< 1.0	2.9	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	12	< 2.0	< 2.0	26	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	24	< 8.0	< 8.0	40	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	70	< 8.0	< 8.0	99	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	110	< 10	< 10	170	< 10

Parameter	Units	Limit of detection	Accreditation Status	1736161	1736162	1736163	1736164	1736165
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	2.5	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	14	< 2.0	< 2.0	79	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	79	21	18	470	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	120	44	25	540	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	210	65	44	1100	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-50812
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1736166	1736167	1736168	1736169	1736170			
Sample Reference	WS67	WS67	WS65	WS65	WS56			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.10	0.50	0.50	1.60	0.30			
Date Sampled	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	7.9	13	9.5	16	15
Total mass of sample received	kg	0.001	NONE	1.5	2	1.5	1.7	1.7

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.7	6.2	8.7	8.5	9.3
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	0.09	0.089	0.367	0.025	0.322
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	200	98	820	69	1100
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.098	0.049	0.41	0.035	0.54
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	97.6	49.2	408	34.7	540
Total Organic Carbon (TOC)	%	0.1	MCERTS	0.4	0.1	0.5	0.2	1.3

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	1.1	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	0.37	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	5	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	3.7	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	31	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	10	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	48	< 0.05	0.31	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	40	< 0.05	0.26	< 0.05	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	27	< 0.05	0.33	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	15	< 0.05	0.19	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	21	< 0.05	0.41	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	8.7	< 0.05	0.12	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	20	< 0.05	0.29	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	9.6	< 0.05	0.24	< 0.05	< 0.05
Dibenzo(a,h)anthracene	mg/kg	0.05	MCERTS	2.5	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	11	< 0.05	0.36	< 0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	254	< 0.80	2.51	< 0.80	< 0.80
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Analytical Report Number: 21-50812
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1736166	1736167	1736168	1736169	1736170			
Sample Reference	WS67	WS67	WS65	WS65	WS56			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.10	0.50	0.50	1.60	0.30			
Date Sampled	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	5.3	6.4	15	9.6	10
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	0.4
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	14	15	19	26	19
Copper (aqua regia extractable)	mg/kg	1	MCERTS	5.6	6.9	51	4.3	39
Lead (aqua regia extractable)	mg/kg	1	MCERTS	6.5	7.4	50	6.5	32
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	6.9	3.7	31	6.3	40
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	18	12	58	16	55

Monoaromatics & Oxygenates

Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	2	3.1	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	15	16	< 2.0	< 2.0	2.6
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	27	29	< 8.0	< 8.0	18
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	62	54	< 8.0	< 8.0	72
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	110	100	< 10	< 10	93
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	55	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	260	< 10	< 10	< 10	13
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	200	< 10	< 10	< 10	87
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	510	< 10	< 10	< 10	99

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-50812
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1736171	1736172	1736173	1736174	1736175			
Sample Reference	WS56	WS46	WS46	WS36	WS36			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.20	0.10	0.60	0.20	0.75			
Date Sampled	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	16	14	13	6.4	11
Total mass of sample received	kg	0.001	NONE	2	1.5	1.7	1.7	1.7

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.4	10	6	10.6	6.5
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	0.032	0.431	0.02	0.262	0.044
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	150	1300	42	630	62
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.073	0.67	0.021	0.32	0.031
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	73.2	671	21.1	317	31.2
Total Organic Carbon (TOC)	%	0.1	MCERTS	0.1	0.9	0.2	1.5	0.1

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.29	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	0.33	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.31	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	0.24	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.36	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.17	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.22	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.22	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	0.33	< 0.05	< 0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	2.47	< 0.80	< 0.80	< 0.80
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Analytical Report Number: 21-50812
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1736171	1736172	1736173	1736174	1736175			
Sample Reference	WS56	WS46	WS46	WS36	WS36			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	1.20	0.10	0.60	0.20	0.75			
Date Sampled	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	5.3	10	5.5	12	4
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	20	23	19	17	12
Copper (aqua regia extractable)	mg/kg	1	MCERTS	8.3	29	6.9	22	5.4
Lead (aqua regia extractable)	mg/kg	1	MCERTS	5	76	5.7	25	6.7
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	3.4	19	3.3	18	2.5
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	9.5	63	8.4	29	5.9

Monoaromatics & Oxygenates

Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	3	< 2.0	2.2	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	21	< 8.0	17	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	100	< 8.0	160	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	130	< 10	180	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	7.3	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	21	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	170	< 10	230	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	200	< 10	240	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-50812
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1736176	1736177	1736178	1736179	1736180			
Sample Reference	WS30	WS30	WS08	WS08	WS68			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.10	0.80	0.10	0.50	0.15			
Date Sampled	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	6.3	9.9	12	14	5.9
Total mass of sample received	kg	0.001	NONE	2	2	2	1.2	1.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	9.1	8.3	9	6.3	10.1
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	0.026	0.03	0.084	0.031	0.109
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	89	50	290	86	160
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.045	0.025	0.15	0.043	0.079
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	44.7	24.9	146	42.9	78.8
Total Organic Carbon (TOC)	%	0.1	MCERTS	0.7	0.2	0.3	0.1	1.2

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.29
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.98
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	9.8
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	7.2
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.55	65
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	19
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.79	78
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.64	60
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.47	37
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.28	25
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.39	34
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.13	6.1
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.29	24
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	11
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	3.1
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	12

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	< 0.80	< 0.80	3.54	394
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Analytical Report Number: 21-50812
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1736176	1736177	1736178	1736179	1736180			
Sample Reference	WS30	WS30	WS08	WS08	WS68			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.10	0.80	0.10	0.50	0.15			
Date Sampled	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	11	5.3	5.4	3.5	6.9
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	27	12	17	13	14
Copper (aqua regia extractable)	mg/kg	1	MCERTS	13	4.8	8.3	4.7	6.8
Lead (aqua regia extractable)	mg/kg	1	MCERTS	9.8	6	13	5	86
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	17	2.7	7.5	3.1	6.9
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	25	8.7	49	9.7	37

Monoaromatics & Oxygenates

Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	5.4
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	30
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	< 8.0	61	< 8.0	110
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	61	< 10	140

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	110
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	630
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	620
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	1400

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-50812
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1736181	1736182	1736183	1736184	1736185			
Sample Reference	WS68	WS64	WS63	WS63	WS62			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.50	0.20	0.30	0.60	0.20			
Date Sampled	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	12	18	8	11	14
Total mass of sample received	kg	0.001	NONE	2	2	2	2	1.7

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	Chrysotile	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	4.024	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	4.02	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.8	10.1	11.8	6	11
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	0.085	0.369	0.472	0.086	0.306
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	110	610	100	130	310
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.057	0.3	0.052	0.063	0.16
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	56.5	305	51.7	63.1	157
Total Organic Carbon (TOC)	%	0.1	MCERTS	0.2	1.2	3.5	0.7	1.6

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	0.6	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	0.19	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	2.7	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	1.8	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	15	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	2.8	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	13	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	11	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	6.7	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	5	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	6	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	2.1	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	5.1	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	2.5	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.63	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	2.9	< 0.05	< 0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	78.3	< 0.80	< 0.80	< 0.80
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Analytical Report Number: 21-50812
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1736181	1736182	1736183	1736184	1736185			
Sample Reference	WS68	WS64	WS63	WS63	WS62			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.50	0.20	0.30	0.60	0.20			
Date Sampled	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	5.7	8.8	7	6.4	6.7
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	10	31	14	12	16
Copper (aqua regia extractable)	mg/kg	1	MCERTS	4.1	27	6.7	4.6	6.3
Lead (aqua regia extractable)	mg/kg	1	MCERTS	16	11	3.8	7	6.1
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	2	11	13	2.3	7.7
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	9.1	83	16	6.9	15

Monoaromatics & Oxygenates

Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	19	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	140	45	< 8.0	47
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	160	45	< 10	47

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	9	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	31	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	98	< 10	< 10	12
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	240	< 10	< 10	84
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	370	< 10	< 10	97

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-50812
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1736186	1736187	1736188	1736189	1736190			
Sample Reference	WS62	WS49	WS49	WS48	WS48			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.50	0.15	0.50	0.20	0.50			
Date Sampled	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	9.8	2.4	14	2.5	14
Total mass of sample received	kg	0.001	NONE	2	2	2	1.7	2

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6	11.6	5.1	12.2	6.4
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	0.072	0.367	0.04	0.625	0.024
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	110	120	180	14	79
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.054	0.06	0.088	0.0068	0.04
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	53.8	60.2	87.9	6.8	39.5
Total Organic Carbon (TOC)	%	0.1	MCERTS	0.3	0.6	0.2	0.4	0.1

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80
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Analytical Report Number: 21-50812
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1736186	1736187	1736188	1736189	1736190			
Sample Reference	WS62	WS49	WS49	WS48	WS48			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.50	0.15	0.50	0.20	0.50			
Date Sampled	12/01/2021	12/01/2021	12/01/2021	12/01/2021	12/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	6.7	6.9	15	5.1	11
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	11	16	66	20	62
Copper (aqua regia extractable)	mg/kg	1	MCERTS	4.7	7.8	3.6	16	11
Lead (aqua regia extractable)	mg/kg	1	MCERTS	9.1	23	8.2	2.7	7
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	2.2	11	22	16	20
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	7.2	26	51	20	54

Monoaromatics & Oxygenates

Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-50812
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1736191	1736192	1736193	1736194			
Sample Reference	WS55	WS55	WS57	WS57			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.15	0.50	0.15	0.50			
Date Sampled	12/01/2021	12/01/2021	12/01/2021	12/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status				
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	6.6	18	4.9	14
Total mass of sample received	kg	0.001	NONE	1.7	2	2	2

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	11.9	5	11.7	5.2
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	0.651	0.039	0.464	0.018
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	36	170	15	73
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.018	0.084	0.0077	0.036
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	17.8	83.9	7.7	36.3
Total Organic Carbon (TOC)	%	0.1	MCERTS	0.9	0.2	0.4	0.2

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	< 0.80	< 0.80	< 0.80
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Analytical Report Number: 21-50812
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number				1736191	1736192	1736193	1736194
Sample Reference				WS55	WS55	WS57	WS57
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.15	0.50	0.15	0.50
Date Sampled				12/01/2021	12/01/2021	12/01/2021	12/01/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status				
Heavy Metals / Metalloids							
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	10	17	5.7	9.3
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	33	65	20	54
Copper (aqua regia extractable)	mg/kg	1	MCERTS	8.4	4.5	8.9	3.3
Lead (aqua regia extractable)	mg/kg	1	MCERTS	5.1	7.3	5.9	6.8
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	20	16	17	17
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	60	46	34	42

Monoaromatics & Oxygenates

Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	< 8.0	43	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	50	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample



Analytical Report Number: 21-50812
Project / Site name: Longcross
Your Order No: 201250-CB

Certificate of Analysis - Asbestos Quantification

Methods:

Qualitative Analysis

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

Quantitative Analysis

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

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

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

Both Qualitative and Quantitative Analyses are UKAS accredited.

Sample Number	Sample ID	Sample Depth (m)	Sample Weight (g)	Asbestos Containing Material Types Detected (ACM)	PLM Results	Asbestos by hand picking/weighing (%)	Total % Asbestos in Sample
1736161	WS72	0.50	160	Loose Fibres	Chrysotile	< 0.001	< 0.001
1736182	WS64	0.20	130	Hard/Cement Type Material	Chrysotile	4.024	4.02

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



Analytical Report Number : 21-50812
Project / Site name: Longcross

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

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

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
1736161	WS72	None Supplied	0.5	Brown clay and loam with gravel.
1736162	WS72	None Supplied	1.2	Brown loam and clay with vegetation.
1736163	WS72	None Supplied	1.6	Brown clay and sand.
1736164	WS66	None Supplied	0.2	Brown loam and clay with gravel.
1736165	WS66	None Supplied	0.6	Brown clay and sand with vegetation.
1736166	WS67	None Supplied	0.1	Brown clay and sand with gravel.
1736167	WS67	None Supplied	0.5	Brown clay and sand.
1736168	WS65	None Supplied	0.5	Brown loam and sand with gravel.
1736169	WS65	None Supplied	1.6	Brown clay and sand.
1736170	WS56	None Supplied	0.3	Brown loam and sand with gravel and rubble.
1736171	WS56	None Supplied	1.2	Brown clay and sand.
1736172	WS46	None Supplied	0.1	Brown loam and clay with gravel.
1736173	WS46	None Supplied	0.6	Brown clay and sand.
1736174	WS36	None Supplied	0.2	Brown loam and sand with gravel and rubble.
1736175	WS36	None Supplied	0.75	Brown clay and sand.
1736176	WS30	None Supplied	0.1	Brown loam and sand with gravel.
1736177	WS30	None Supplied	0.8	Brown clay and sand.
1736178	WS08	None Supplied	0.1	Brown clay and sand with clinker and gravel
1736179	WS08	None Supplied	0.5	Brown clay and sand.
1736180	WS68	None Supplied	0.15	Brown clay and sand with clinker and gravel
1736181	WS68	None Supplied	0.5	Brown clay and sand.
1736182	WS64	None Supplied	0.2	Brown loam with gravel and vegetation.
1736183	WS63	None Supplied	0.3	Brown sand with gravel.
1736184	WS63	None Supplied	0.6	Brown clay and sand.
1736185	WS62	None Supplied	0.2	Brown clay and sand with gravel.
1736186	WS62	None Supplied	0.5	Brown sandy clay.
1736187	WS49	None Supplied	0.15	Brown sand with gravel.
1736188	WS49	None Supplied	0.5	Brown clay and loam.
1736189	WS48	None Supplied	0.2	Non Soil**
1736190	WS48	None Supplied	0.5	Brown clay and loam.
1736191	WS55	None Supplied	0.15	Brown clay and loam with gravel.
1736192	WS55	None Supplied	0.5	Brown clay and loam.
1736193	WS57	None Supplied	0.15	Grey gravelly sand.
1736194	WS57	None Supplied	0.5	Brown clay and loam.

**Non MCERTS Matrix

Analytical Report Number : 21-50812
Project / Site name: Longcross

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Asbestos identification in soil	Asbestos identification with the use of polarised light microscopy in conjunction with disperion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Hexavalent chromium in soil (Lower Level)	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	MCERTS
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (skalar)	L080-PL	W	MCERTS
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Total cyanide in soil	Determination of total cyanide by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	MCERTS
Total organic carbon (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L009-PL	D	MCERTS
BTEX and MTBE in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS.	In-house method based on USEPA8260	L0738-PL	W	MCERTS
TPHCWG (Soil)	Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID.	In-house method with silica gel split/clean up.	L088/76-PL	W	MCERTS
Asbestos Quantification - Gravimetric	Asbestos quantification by gravimetric method - in house method based on references.	HSE Report No: 83/1996, HSG 248, HSG 264 & SCA Blue Book (draft).	A006-PL	D	ISO 17025
Total Sulphate in soil as %	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES.	In house method.	L038-PL	D	MCERTS
Sulphate, water soluble, in soil	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS



Analytical Report Number : 21-50812
 Project / Site name: Longcross

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
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For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.

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

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



Charlie Bruinvels
Paragon New Homes Ltd
The Harlequin Building
65 Southwark Street
London
SE1 0HR

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

e: charliebruinvels@paragonbc.co.uk

Analytical Report Number : 21-51063

Project / Site name:	Longcross	Samples received on:	14/01/2021
Your job number:	201250	Samples instructed on/ Analysis started on:	14/01/2021
Your order number:	201250-CB	Analysis completed by:	25/01/2021
Report Issue Number:	1	Report issued on:	25/01/2021
Samples Analysed:	39 soil samples		

Signed: 

Zina Abdul Razzak
Senior Quality Specialist
For & on behalf of i2 Analytical Ltd.

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

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

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

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

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

Analytical Report Number: 21-51063

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number				1737443	1737444	1737445	1737446	1737447
Sample Reference				WS59	WS59	WS60	WS60a	WS61
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.15	0.50	0.15	0.50	0.40
Date Sampled				13/01/2021	13/01/2021	13/01/2021	13/01/2021	13/01/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	13	19	5.5	14	11
Total mass of sample received	kg	0.001	NONE	1.7	1.7	1.5	2	2

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
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General Inorganics

pH - Automated	pH Units	N/A	MCERTS	12	7.9	11.3	8	10.9
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	1.02	0.026	0.324	0.039	0.377
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	50	120	130	230	340
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.025	0.062	0.067	0.12	0.17
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	25.2	62.1	67.3	115	169
Total Organic Carbon (TOC)	%	0.1	MCERTS	0.2	< 0.1	0.6	1.1	0.6

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	7.2	9.1	19	7	6.3
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	24	60	30	32	17
Copper (aqua regia extractable)	mg/kg	1	MCERTS	8.3	2.7	5.7	13	6.5
Lead (aqua regia extractable)	mg/kg	1	MCERTS	3.6	7.5	12	21	4.3
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	19	20	17	10	12
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	55	43	41	61	25

Analytical Report Number: 21-51063

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number	1737443	1737444	1737445	1737446	1737447
Sample Reference	WS59	WS59	WS60	WS60a	WS61
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.15	0.50	0.15	0.50	0.40
Date Sampled	13/01/2021	13/01/2021	13/01/2021	13/01/2021	13/01/2021
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status		

Monoaromatics & Oxygenates

Compound	Units	Limit of detection	Accreditation Status					
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	2.2
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	11
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	27
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	62
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	100

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	11
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	65
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	75

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-51063

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number				1737448	1737449	1737450	1737451	1737452
Sample Reference				WS50	WS50	WS52	WS52	WS51
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10	0.50	0.15	0.50	0.15
Date Sampled				13/01/2021	13/01/2021	13/01/2021	13/01/2021	13/01/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	16	19	12	15	12
Total mass of sample received	kg	0.001	NONE	2	2	1.7	1.7	1.7

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
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General Inorganics

pH - Automated	pH Units	N/A	MCERTS	9.7	9.8	9.1	7.2	11.2
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	0.099	0.018	0.158	0.025	0.391
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	260	63	390	96	52
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.13	0.031	0.2	0.048	0.026
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	131	31.4	196	47.8	25.9
Total Organic Carbon (TOC)	%	0.1	MCERTS	0.5	0.1	1.1	0.3	0.3

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	4.6	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.74	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	2.5	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	0.59	< 0.05	24	< 0.05	0.45
Anthracene	mg/kg	0.05	MCERTS	0.25	< 0.05	5.4	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	1.7	< 0.05	19	< 0.05	0.51
Pyrene	mg/kg	0.05	MCERTS	1.4	< 0.05	14	< 0.05	0.45
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.84	< 0.05	8.1	< 0.05	0.66
Chrysene	mg/kg	0.05	MCERTS	0.77	< 0.05	5.9	< 0.05	0.57
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	0.95	< 0.05	7.9	< 0.05	0.93
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	0.51	< 0.05	2.4	< 0.05	0.52
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.69	< 0.05	5.7	< 0.05	0.85
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.4	< 0.05	2.6	< 0.05	0.46
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.44	< 0.05	2.6	< 0.05	0.49

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	8.48	< 0.80	104	< 0.80	5.89
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	3.3	1.6	5.1	3.7	7
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	7.6	4	12	13	15
Copper (aqua regia extractable)	mg/kg	1	MCERTS	12	6.2	8.5	1.5	9.6
Lead (aqua regia extractable)	mg/kg	1	MCERTS	8.4	3.5	6.6	5.6	9.3
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	8.4	1.6	11	4	14
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	21	5.5	18	13	27

Analytical Report Number: 21-51063

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number	1737448			1737449			1737450			1737451			1737452		
Sample Reference	WS50			WS50			WS52			WS52			WS51		
Sample Number	None Supplied			None Supplied			None Supplied			None Supplied			None Supplied		
Depth (m)	0.10			0.50			0.15			0.50			0.15		
Date Sampled	13/01/2021			13/01/2021			13/01/2021			13/01/2021			13/01/2021		
Time Taken	None Supplied			None Supplied			None Supplied			None Supplied			None Supplied		
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status												
Monoaromatics & Oxygenates															
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	< 8.0	37	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	37	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	6.1	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	25	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	14	< 10	78	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	32	< 10	86	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	46	< 10	190	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-51063
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number				1737453	1737454	1737455	1737456	1737457
Sample Reference				WS51	WS53	WS53	WS44	WS44
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.50	0.30	0.80	0.20	0.50
Date Sampled				13/01/2021	13/01/2021	13/01/2021	13/01/2021	13/01/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	22	19	14	12	12
Total mass of sample received	kg	0.001	NONE	1.7	1.7	1.7	1.7	1.7

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
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General Inorganics

pH - Automated	pH Units	N/A	MCERTS	5.1	8	7.2	10.6	4.9
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	0.029	0.04	0.038	0.183	0.058
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	120	160	160	150	300
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.058	0.08	0.08	0.075	0.15
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	58.2	79.7	80.2	74.5	152
Total Organic Carbon (TOC)	%	0.1	MCERTS	< 0.1	0.3	0.3	0.8	0.1

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	3	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.53	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	8.6	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	7.7	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	5.2	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	3.7	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	4.7	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	2.7	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	4.2	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	1.9	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	1.9	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	< 0.80	< 0.80	44.1	< 0.80
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	2.9	2.9	2.5	6.1	7.4
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	5.5	9.1	9	12	25
Copper (aqua regia extractable)	mg/kg	1	MCERTS	3.1	3.6	2.3	4.6	6.1
Lead (aqua regia extractable)	mg/kg	1	MCERTS	2.9	5.6	4.4	6.1	6.5
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	0.4	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	1.7	2.9	2.7	6.4	8.6
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	4.1	9.2	7.1	12	19

Analytical Report Number: 21-51063

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number	1737453				1737454				1737455				1737456				1737457			
Sample Reference	WS51				WS53				WS53				WS44				WS44			
Sample Number	None Supplied				None Supplied				None Supplied				None Supplied				None Supplied			
Depth (m)	0.50				0.30				0.80				0.20				0.50			
Date Sampled	13/01/2021				13/01/2021				13/01/2021				13/01/2021				13/01/2021			
Time Taken	None Supplied				None Supplied				None Supplied				None Supplied				None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status																	
Monoaromatics & Oxygenates																				
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 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	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 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	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 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	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 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	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 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	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 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	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-51063

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number				1737458	1737459	1737460	1737461	1737462
Sample Reference				WS43	WS43	WS42	WS42	WS41
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.15	0.50	0.15	0.50	0.15
Date Sampled				13/01/2021	13/01/2021	13/01/2021	13/01/2021	13/01/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	12	21	9.3	22	8.8
Total mass of sample received	kg	0.001	NONE	1.7	1.7	1.7	1.7	1.7

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
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General Inorganics

pH - Automated	pH Units	N/A	MCERTS	11.1	5.9	11	7.1	10.9
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	0.23	0.015	0.305	< 0.005	0.31
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	100	37	120	23	190
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.051	0.019	0.059	0.011	0.095
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	51.2	18.6	58.7	11.4	94.7
Total Organic Carbon (TOC)	%	0.1	MCERTS	0.5	0.3	0.5	0.1	0.6

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	0.52	< 0.05	0.64	< 0.05	1.1
Acenaphthene	mg/kg	0.05	MCERTS	0.41	< 0.05	0.14	< 0.05	0.48
Fluorene	mg/kg	0.05	MCERTS	0.45	< 0.05	0.23	< 0.05	0.62
Phenanthrene	mg/kg	0.05	MCERTS	20	< 0.05	6.5	< 0.05	26
Anthracene	mg/kg	0.05	MCERTS	2.8	< 0.05	1.6	< 0.05	4.4
Fluoranthene	mg/kg	0.05	MCERTS	25	< 0.05	20	< 0.05	44
Pyrene	mg/kg	0.05	MCERTS	20	< 0.05	17	< 0.05	35
Benzo(a)anthracene	mg/kg	0.05	MCERTS	13	< 0.05	12	< 0.05	23
Chrysene	mg/kg	0.05	MCERTS	8.4	< 0.05	8.3	< 0.05	15
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	12	< 0.05	12	< 0.05	20
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	5.5	< 0.05	6.5	< 0.05	10
Benzo(a)pyrene	mg/kg	0.05	MCERTS	9.6	< 0.05	10	< 0.05	17
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	4	< 0.05	4.5	< 0.05	7.3
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	1.1	< 0.05	1.2	< 0.05	1.6
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	4.3	< 0.05	4.7	< 0.05	7.5

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	126	< 0.80	104	< 0.80	214
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	6.5	2.5	8	1.6	9.2
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	12	8.2	13	4	20
Copper (aqua regia extractable)	mg/kg	1	MCERTS	16	8.4	15	4.3	14
Lead (aqua regia extractable)	mg/kg	1	MCERTS	8.5	5	6.4	3.9	75
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	13	1.9	15	1.2	18
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	14	3.6	21	2.5	22

Analytical Report Number: 21-51063

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number	1737458			1737459			1737460			1737461			1737462		
Sample Reference	WS43			WS43			WS42			WS42			WS41		
Sample Number	None Supplied			None Supplied			None Supplied			None Supplied			None Supplied		
Depth (m)	0.15			0.50			0.15			0.50			0.15		
Date Sampled	13/01/2021			13/01/2021			13/01/2021			13/01/2021			13/01/2021		
Time Taken	None Supplied			None Supplied			None Supplied			None Supplied			None Supplied		
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status												
Monoaromatics & Oxygenates															
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	14	< 2.0	12	< 2.0	13	< 2.0	13
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	95	< 10	68	< 10	110	< 10	110
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	120	< 10	130	< 10	120	< 10	120
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	230	< 10	210	< 10	240	< 10	240

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-51063

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number				1737463	1737464	1737465	1737466	1737467
Sample Reference				WS41	WS27	WS27	WS27	WS26
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.50	0.50	1.40	2.50	0.40
Date Sampled				13/01/2021	13/01/2021	13/01/2021	13/01/2021	13/01/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	20	16	15	18	14
Total mass of sample received	kg	0.001	NONE	1.7	1.7	1.7	1.7	1.7

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
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General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.3	9	5.1	5.4	9.5
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	0.256	2.24	0.052	0.059	0.46
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	92	3700	260	220	3200
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.046	1.8	0.13	0.11	1.6
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	46.1	1850	131	112	1600
Total Organic Carbon (TOC)	%	0.1	MCERTS	0.1	1.4	1.2	0.2	0.4

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	1.3	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	0.22	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	2.1	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	1.7	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	1.1	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	0.95	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	1.2	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.62	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.94	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.56	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	0.58	< 0.05	< 0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	11.2	< 0.80	< 0.80	< 0.80
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	1.6	28	5.1	20	21
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	4.2	30	9.3	61	42
Copper (aqua regia extractable)	mg/kg	1	MCERTS	3.6	110	4	7.6	42
Lead (aqua regia extractable)	mg/kg	1	MCERTS	3	390	6.7	9.5	14
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	0.3	< 0.3	0.5
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	1.6	24	1.5	13	46
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	7	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	8.9	240	14	34	40

Analytical Report Number: 21-51063

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number	1737463			1737464			1737465			1737466			1737467		
Sample Reference	WS41			WS27			WS27			WS27			WS26		
Sample Number	None Supplied			None Supplied			None Supplied			None Supplied			None Supplied		
Depth (m)	0.50			0.50			1.40			2.50			0.40		
Date Sampled	13/01/2021			13/01/2021			13/01/2021			13/01/2021			13/01/2021		
Time Taken	None Supplied			None Supplied			None Supplied			None Supplied			None Supplied		
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status												
Monoaromatics & Oxygenates															
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	14	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	22	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	36	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-51063

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number	1737468	1737469	1737470	1737471	1737472			
Sample Reference	WS26	WS20	WS20	WS13	WS13			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.80	0.50	1.20	0.40	0.80			
Date Sampled	13/01/2021	13/01/2021	13/01/2021	13/01/2021	13/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	21	12	20	10	15
Total mass of sample received	kg	0.001	NONE	1.7	1.7	1.7	1.7	1.7

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
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General Inorganics

pH - Automated	pH Units	N/A	MCERTS	4.8	9.4	5	10.6	5.7
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	0.065	0.437	0.031	0.265	0.022
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	290	1100	84	230	45
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.14	0.54	0.042	0.11	0.022
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	143	543	42.1	114	22.3
Total Organic Carbon (TOC)	%	0.1	MCERTS	0.3	0.5	0.1	0.5	< 0.1

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	0.29	< 0.05	2.2	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.55	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.58	< 0.05	2.6	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	0.51	< 0.05	2.1	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.48	< 0.05	1.3	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	0.46	< 0.05	0.95	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.64	< 0.05	0.99	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.36	< 0.05	0.62	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.52	< 0.05	1	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.37	< 0.05	0.46	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	0.44	< 0.05	0.53	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	4.65	< 0.80	13.4	< 0.80
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	17	9.5	13	8.9	9.6
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	58	21	45	20	63
Copper (aqua regia extractable)	mg/kg	1	MCERTS	9.8	15	8.6	25	4
Lead (aqua regia extractable)	mg/kg	1	MCERTS	12	29	14	69	7.6
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	11	17	12	21	21
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	36	34	24	94	47

Analytical Report Number: 21-51063

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number	1737468			1737469			1737470			1737471			1737472		
Sample Reference	WS26			WS20			WS20			WS13			WS13		
Sample Number	None Supplied			None Supplied			None Supplied			None Supplied			None Supplied		
Depth (m)	0.80			0.50			1.20			0.40			0.80		
Date Sampled	13/01/2021			13/01/2021			13/01/2021			13/01/2021			13/01/2021		
Time Taken	None Supplied			None Supplied			None Supplied			None Supplied			None Supplied		
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status												
Monoaromatics & Oxygenates															
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	6.8	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	13	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	59	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	79	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	15	< 10	15	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	47	< 10	47	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	62	< 10	62	< 10	< 10	< 10	< 10	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-51063
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1737473	1737474	1737475	1737476	1737477			
Sample Reference	WS14	WS14	WS14	WS28	WS28			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.40	1.00	1.50	0.15	0.50			
Date Sampled	13/01/2021	13/01/2021	13/01/2021	13/01/2021	13/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	8.8	17	12	15	14
Total mass of sample received	kg	0.001	NONE	1.7	1.7	1.7	1.7	1.7

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
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General Inorganics

pH - Automated	pH Units	N/A	MCERTS	10.9	7.3	6	11	6.5
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	0.371	0.056	0.028	0.18	0.021
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	610	280	130	93	79
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.3	0.14	0.064	0.047	0.04
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	303	142	63.6	46.5	39.5
Total Organic Carbon (TOC)	%	0.1	MCERTS	0.3	1.5	0.3	1.1	0.2

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.52	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	0.41	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	5	0.29	< 0.05	1.2	< 0.05
Anthracene	mg/kg	0.05	MCERTS	1.1	< 0.05	< 0.05	0.23	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	6	0.49	< 0.05	1.2	< 0.05
Pyrene	mg/kg	0.05	MCERTS	4.9	0.48	< 0.05	1	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	3	0.3	< 0.05	0.57	< 0.05
Chrysene	mg/kg	0.05	MCERTS	2.1	0.26	< 0.05	0.51	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	2.5	< 0.05	< 0.05	0.48	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	0.93	< 0.05	< 0.05	0.34	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	2	< 0.05	< 0.05	0.44	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.92	< 0.05	< 0.05	0.23	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	1.1	< 0.05	< 0.05	0.27	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	30.5	1.82	< 0.80	6.54	< 0.80
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	8.1	7.3	3.6	7.4	5.3
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	18	27	12	17	17
Copper (aqua regia extractable)	mg/kg	1	MCERTS	9.5	7.9	2.3	16	2.7
Lead (aqua regia extractable)	mg/kg	1	MCERTS	28	21	4.5	13	5.4
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	13	8.9	3	14	4.6
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	34	28	11	38	12

Analytical Report Number: 21-51063

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number	1737473			1737474			1737475			1737476			1737477		
Sample Reference	WS14			WS14			WS14			WS28			WS28		
Sample Number	None Supplied			None Supplied			None Supplied			None Supplied			None Supplied		
Depth (m)	0.40			1.00			1.50			0.15			0.50		
Date Sampled	13/01/2021			13/01/2021			13/01/2021			13/01/2021			13/01/2021		
Time Taken	None Supplied			None Supplied			None Supplied			None Supplied			None Supplied		
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status												
Monoaromatics & Oxygenates															
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	8.1	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	18	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	70	100	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	97	110	< 10	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	18	14	< 10	14	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	48	110	< 10	35	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	67	120	< 10	48	< 10	< 10	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-51063

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number				1737478	1737479	1737480	1737481
Sample Reference				WS21	WS21	WS15	WS15
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.15	0.50	0.15	0.50
Date Sampled				13/01/2021	13/01/2021	13/01/2021	13/01/2021
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status				
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	17	14	13	14
Total mass of sample received	kg	0.001	NONE	1.7	1.7	1.7	1.7

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected
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General Inorganics

pH - Automated	pH Units	N/A	MCERTS	10.7	5.3	10.6	5.9
Total Cyanide	mg/kg	1	MCERTS	< 1	< 1	< 1	< 1
Total Sulphate as SO4	%	0.005	MCERTS	0.181	0.022	0.097	0.025
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	220	65	130	66
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.11	0.032	0.063	0.033
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	108	32.4	62.8	33.2
Total Organic Carbon (TOC)	%	0.1	MCERTS	1.6	0.3	1.6	< 0.1

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	< 0.80	< 0.80	< 0.80
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	9.5	8.6	7.2	6.8
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	16	34	13	20
Copper (aqua regia extractable)	mg/kg	1	MCERTS	33	4.9	12	5.1
Lead (aqua regia extractable)	mg/kg	1	MCERTS	18	7.4	8.7	6.4
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.4	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	26	11	11	7.3
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	36	25	17	17

Analytical Report Number: 21-51063

Project / Site name: Longcross

Your Order No: 201250-CB

Lab Sample Number	1737478	1737479	1737480	1737481
Sample Reference	WS21	WS21	WS15	WS15
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.15	0.50	0.15	0.50
Date Sampled	13/01/2021	13/01/2021	13/01/2021	13/01/2021
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status	
Monoaromatics & Oxygenates				
Benzene	µg/kg	1	MCERTS	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number : 21-51063

Project / Site name: Longcross

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

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

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
1737443	WS59	None Supplied	0.15	Grey sandy gravel.**
1737444	WS59	None Supplied	0.5	Brown clay and sand with gravel.
1737445	WS60	None Supplied	0.15	Grey sand with gravel.
1737446	WS60a	None Supplied	0.5	Brown loam and clay with gravel and vegetation.
1737447	WS61	None Supplied	0.4	Grey clay and sand with gravel.
1737448	WS50	None Supplied	0.1	Grey clay and loam with gravel.
1737449	WS50	None Supplied	0.5	Grey clay and sand.
1737450	WS52	None Supplied	0.15	Brown sandy gravel.**
1737451	WS52	None Supplied	0.5	Brown clay and sand.
1737452	WS51	None Supplied	0.15	Brown sandy gravel.**
1737453	WS51	None Supplied	0.5	Grey clay and sand.
1737454	WS53	None Supplied	0.3	Brown clay and sand.
1737455	WS53	None Supplied	0.8	Brown clay and sand.
1737456	WS44	None Supplied	0.2	Brown sandy gravel.**
1737457	WS44	None Supplied	0.5	Brown clay and sand.
1737458	WS43	None Supplied	0.15	Grey gravel.**
1737459	WS43	None Supplied	0.5	Grey clay and sand.
1737460	WS42	None Supplied	0.15	Brown gravel.**
1737461	WS42	None Supplied	0.5	Grey clay and sand.
1737462	WS41	None Supplied	0.15	Brown loam and gravel.
1737463	WS41	None Supplied	0.5	Grey clay and sand.
1737464	WS27	None Supplied	0.5	Brown gravelly sand.
1737465	WS27	None Supplied	1.4	Brown loam and clay with gravel.
1737466	WS27	None Supplied	2.5	Brown clay and loam with gravel.
1737467	WS26	None Supplied	0.4	Brown clay and sand with gravel.
1737468	WS26	None Supplied	0.8	Brown clay and sand with gravel.
1737469	WS20	None Supplied	0.5	Brown gravelly sand.
1737470	WS20	None Supplied	1.2	Brown clay and sand.
1737471	WS13	None Supplied	0.4	Brown sandy gravel.**
1737472	WS13	None Supplied	0.8	Brown clay and sand.
1737473	WS14	None Supplied	0.4	Brown loam and sand with gravel.
1737474	WS14	None Supplied	1	Brown loam and clay with gravel.
1737475	WS14	None Supplied	1.5	Brown clay and sand.
1737476	WS28	None Supplied	0.15	Brown loam and clay with gravel.
1737477	WS28	None Supplied	0.5	Brown clay and sand.
1737478	WS21	None Supplied	0.15	Brown loam and gravel.
1737479	WS21	None Supplied	0.5	Brown clay and sand with chalk.
1737480	WS15	None Supplied	0.15	Grey clay and loam with gravel and chalk.
1737481	WS15	None Supplied	0.5	Light brown clay and sand with chalk.

** NON MCERTS MATRIX

Analytical Report Number : 21-51063
Project / Site name: Longcross

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with disperin staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Hexavalent chromium in soil (Lower Level)	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	MCERTS
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (skalar)	L080-PL	W	MCERTS
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Total cyanide in soil	Determination of total cyanide by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	MCERTS
Total organic carbon (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L009-PL	D	MCERTS
BTEX and MTBE in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS.	In-house method based on USEPA8260	L073B-PL	W	MCERTS
TPHCWG (Soil)	Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID.	In-house method with silica gel split/clean up.	L088/76-PL	W	MCERTS
Total Sulphate in soil as %	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES.	In house method.	L038-PL	D	MCERTS
Sulphate, water soluble, in soil	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS

For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.

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

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



Charlie Bruinvels
Paragon New Homes Ltd
The Harlequin Building
65 Southwark Street
London
SE1 0HR

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

e: charliebruinvels@paragonbc.co.uk

Analytical Report Number : 21-51747

Project / Site name:	Longcross	Samples received on:	15/01/2021
Your job number:	201250	Samples instructed on/ Analysis started on:	19/01/2021
Your order number:	201250-CB	Analysis completed by:	29/01/2021
Report Issue Number:	1	Report issued on:	29/01/2021
Samples Analysed:	25 soil samples		

Signed:

Joanna Wawrzeczko
Technical Reviewer (Reporting Team)
For & on behalf of i2 Analytical Ltd.

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

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

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

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

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

Analytical Report Number: 21-51747
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1740742	1740743	1740744	1740745	1740746			
Sample Reference	WS37	WS38	WS38	WS39	WS39			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.50	0.20	0.50	0.20	0.50			
Date Sampled	14/01/2021	14/01/2021	14/01/2021	14/01/2021	14/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	16	8.7	20	17	21
Total mass of sample received	kg	0.001	NONE	1.7	1.7	1.5	1.5	1.7

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
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General Inorganics

pH - Automated	pH Units	N/A	MCERTS	9.3	10.8	8.4	10.2	5.9
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Sulphate as SO4	%	0.005	MCERTS	0.011	0.179	0.01	0.048	0.021
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	44	420	15	160	98
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.022	0.21	0.0075	0.078	0.049
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	21.8	208	7.5	77.7	49.2
Total Organic Carbon (TOC)	%	0.1	MCERTS	< 0.1	0.3	< 0.1	< 0.1	< 0.1

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	0.22	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	0.32	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	8.3	< 0.05	3.2	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	0.98	< 0.05	0.48	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	8.9	< 0.05	3	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	6.7	< 0.05	2.3	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	3.7	< 0.05	1.1	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	2.4	< 0.05	0.99	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	2.6	< 0.05	0.88	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	2	< 0.05	0.6	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	2.5	< 0.05	0.64	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.98	< 0.05	0.29	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	1.2	< 0.05	0.37	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	40.8	< 0.80	13.8	< 0.80
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	4.7	5.2	1.4	2.8	3.6
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	9.5	11	3.7	8	7.4
Copper (aqua regia extractable)	mg/kg	1	MCERTS	6	10	4.6	7	6.4
Lead (aqua regia extractable)	mg/kg	1	MCERTS	6.3	5.6	4.1	4.3	5.2
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	1.4	9.6	< 1.0	3.8	1.3
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	7.3	17	2.5	6.4	4

Analytical Report Number: 21-51747
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1740742	1740743	1740744	1740745	1740746			
Sample Reference	WS37	WS38	WS38	WS39	WS39			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.50	0.20	0.50	0.20	0.50			
Date Sampled	14/01/2021	14/01/2021	14/01/2021	14/01/2021	14/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					

Monoaromatics & Oxygenates

Compound	Units	Limit of detection	Accreditation Status	1740742	1740743	1740744	1740745	1740746
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	Limit of detection	Accreditation Status	1740742	1740743	1740744	1740745	1740746
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	8.8	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	23	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	34	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	Limit of detection	Accreditation Status	1740742	1740743	1740744	1740745	1740746
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	5.4	< 2.0	2.1	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	37	< 10	10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	48	< 10	15	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	90	< 10	27	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-51747
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1740747	1740748	1740749	1740750	1740751			
Sample Reference	WS40	WS32	WS31	WS16	WS16			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.50	0.50	0.50	0.30	0.80			
Date Sampled	14/01/2021	14/01/2021	14/01/2021	14/01/2021	14/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	18	13	23	16	19
Total mass of sample received	kg	0.001	NONE	1.7	1.7	1.7	2	1.7

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
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General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.0	9.2	7.5	6.7	5.3
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	1.0	< 1.0
Total Sulphate as SO4	%	0.005	MCERTS	0.03	0.031	0.014	0.022	0.016
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	150	17	86	100	35
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.077	0.0086	0.043	0.052	0.018
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	76.9	8.6	43	52.2	17.6
Total Organic Carbon (TOC)	%	0.1	MCERTS	< 0.1	< 0.1	< 0.1	1.1	0.2

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	5	1.7	2.7	5.3	6.9
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	16	6.3	7.2	14	28
Copper (aqua regia extractable)	mg/kg	1	MCERTS	6.5	3.9	4.7	14	4.1
Lead (aqua regia extractable)	mg/kg	1	MCERTS	8	7.7	5.9	24	6.9
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	2.8	1.4	1.2	8	7
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	8.6	3.4	3.8	44	19

Analytical Report Number: 21-51747
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1740747	1740748	1740749	1740750	1740751			
Sample Reference	WS40	WS32	WS31	WS16	WS16			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.50	0.50	0.50	0.30	0.80			
Date Sampled	14/01/2021	14/01/2021	14/01/2021	14/01/2021	14/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Monoaromatics & Oxygenates								
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	8.1	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	32	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	40	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-51747
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1740752	1740753	1740754	1740755	1740756			
Sample Reference	WS22	WS22	WS34	WS34	WS33			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.30	1.30	0.50	1.50	0.50			
Date Sampled	14/01/2021	14/01/2021	14/01/2021	14/01/2021	14/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	17	19	16	16	17
Total mass of sample received	kg	0.001	NONE	1.7	1.7	1.7	1.7	1.7

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
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General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.2	5.5	10.5	8.6	9.6
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Sulphate as SO4	%	0.005	MCERTS	0.03	0.015	0.043	0.011	0.013
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	190	57	150	16	36
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.095	0.029	0.073	0.0078	0.018
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	94.8	28.5	73	7.8	17.9
Total Organic Carbon (TOC)	%	0.1	MCERTS	0.9	< 0.1	0.1	< 0.1	< 0.1

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	4.8	4.2	8.2	5.7	2.8
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	13	24	25	12	5.1
Copper (aqua regia extractable)	mg/kg	1	MCERTS	1.6	4.7	15	15	12
Lead (aqua regia extractable)	mg/kg	1	MCERTS	6.2	5.8	10	5.6	4.5
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	3.6	6.2	6.6	3.2	1.2
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	9.9	15	38	15	12

Analytical Report Number: 21-51747
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1740752	1740753	1740754	1740755	1740756			
Sample Reference	WS22	WS22	WS34	WS34	WS33			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.30	1.30	0.50	1.50	0.50			
Date Sampled	14/01/2021	14/01/2021	14/01/2021	14/01/2021	14/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Monoaromatics & Oxygenates								
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	8.4	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	17	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	27	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-51747
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1740757	1740758	1740759	1740760	1740761			
Sample Reference	WS12	WS12	WS11	WS64a	WS64a			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.40	0.80	0.50	0.20	0.50			
Date Sampled	14/01/2021	14/01/2021	14/01/2021	14/01/2021	14/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	15	18	16	10	15
Total mass of sample received	kg	0.001	NONE	1.5	1.7	1.7	1.7	1.7

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
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General Inorganics

pH - Automated	pH Units	N/A	MCERTS	11.3	7.8	8.7	11.2	5.5
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Sulphate as SO4	%	0.005	MCERTS	0.255	0.014	0.324	0.469	0.066
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	87	58	150	260	140
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.044	0.029	0.076	0.13	0.071
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	43.5	29.1	75.9	131	71.2
Total Organic Carbon (TOC)	%	0.1	MCERTS	0.7	< 0.1	< 0.1	1.1	< 0.1

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	12	1.8	4.3	6.3	6.3
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	25	6.5	8.6	23	11
Copper (aqua regia extractable)	mg/kg	1	MCERTS	27	10	12	14	13
Lead (aqua regia extractable)	mg/kg	1	MCERTS	15	3	6.8	6.4	8.1
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	20	1.9	1.8	15	2.2
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	39	11	12	21	16

Analytical Report Number: 21-51747
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1740757	1740758	1740759	1740760	1740761			
Sample Reference	WS12	WS12	WS11	WS64a	WS64a			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.40	0.80	0.50	0.20	0.50			
Date Sampled	14/01/2021	14/01/2021	14/01/2021	14/01/2021	14/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Monoaromatics & Oxygenates								
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	4.5	< 2.0	< 2.0	9	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	9.1	< 8.0	< 8.0	24	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	37	< 8.0	< 8.0	210	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	51	< 10	< 10	240	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	< 10	11	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	< 10	< 10	250	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	260	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-51747
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1740762	1740763	1740764	1740765	1740766			
Sample Reference	WS29	WS29	WS24	WS24	WS25			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.30	1.30	0.15	0.50	0.50			
Date Sampled	14/01/2021	14/01/2021	14/01/2021	14/01/2021	14/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	20	19	12	15	18
Total mass of sample received	kg	0.001	NONE	1.7	1.7	1.2	1.7	1.7

Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
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General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.7	4.8	10.4	4.9	7.0
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Sulphate as SO4	%	0.005	MCERTS	0.029	0.029	0.373	0.029	0.036
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	110	220	650	96	340
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.054	0.11	0.33	0.048	0.17
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	53.9	110	326	48.1	172
Total Organic Carbon (TOC)	%	0.1	MCERTS	1.8	< 0.1	0.1	< 0.1	0.1

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	3.2	4.6	8.7	16	8.1
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	6.6	19	23	19	22
Copper (aqua regia extractable)	mg/kg	1	MCERTS	11	11	20	20	14
Lead (aqua regia extractable)	mg/kg	1	MCERTS	10	10	21	9.7	22
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	1.6	6	12	5.1	7.3
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	12	20	36	20	33

Analytical Report Number: 21-51747
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1740762	1740763	1740764	1740765	1740766			
Sample Reference	WS29	WS29	WS24	WS24	WS25			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.30	1.30	0.15	0.50	0.50			
Date Sampled	14/01/2021	14/01/2021	14/01/2021	14/01/2021	14/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Monoaromatics & Oxygenates								
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample



Analytical Report Number : 21-51747

Project / Site name: Longcross

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

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

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
1740742	WS37	None Supplied	0.5	Grey clay and sand with gravel.
1740743	WS38	None Supplied	0.2	Brown clay with gravel.
1740744	WS38	None Supplied	0.5	Light brown sand.
1740745	WS39	None Supplied	0.2	Light brown clay and sand.
1740746	WS39	None Supplied	0.5	Light brown clay and sand.
1740747	WS40	None Supplied	0.5	Light brown clay.
1740748	WS32	None Supplied	0.5	Light brown clay and sand.
1740749	WS31	None Supplied	0.5	Light brown clay and sand.
1740750	WS16	None Supplied	0.3	Brown clay and loam with gravel.
1740751	WS16	None Supplied	0.8	Brown clay and sand with gravel.
1740752	WS22	None Supplied	0.3	Brown clay and sand with gravel.
1740753	WS22	None Supplied	1.3	Light brown clay and sand with gravel.
1740754	WS34	None Supplied	0.5	Light brown clay and sand with gravel.
1740755	WS34	None Supplied	1.5	Light brown sandy clay.
1740756	WS33	None Supplied	0.5	Light brown sandy clay.
1740757	WS12	None Supplied	0.4	Brown sandy clay with gravel.
1740758	WS12	None Supplied	0.8	Brown sandy clay.
1740759	WS11	None Supplied	0.5	Brown sandy clay.
1740760	WS64a	None Supplied	0.2	Brown sandy gravel.
1740761	WS64a	None Supplied	0.5	Brown sandy clay.
1740762	WS29	None Supplied	0.3	Brown loam and clay with gravel and vegetation.
1740763	WS29	None Supplied	1.3	Brown sandy clay.
1740764	WS24	None Supplied	0.15	Brown sandy clay with gravel.
1740765	WS24	None Supplied	0.5	Brown sandy clay with gravel.
1740766	WS25	None Supplied	0.5	Brown sandy clay with gravel.

Analytical Report Number : 21-51747
Project / Site name: Longcross

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Asbestos identification in soil	Asbestos identification with the use of polarised light microscopy in conjunction with disperion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Hexavalent chromium in soil (Lower Level)	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	MCERTS
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (skalar)	L080-PL	W	MCERTS
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Total cyanide in soil	Determination of total cyanide by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	MCERTS
Total organic carbon (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L009-PL	D	MCERTS
BTEX and MTBE in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS.	In-house method based on USEPA8260	L073B-PL	W	MCERTS
TPHCWG (Soil)	Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID.	In-house method with silica gel split/clean up.	L088/76-PL	W	MCERTS
Total Sulphate in soil as %	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES.	In house method.	L038-PL	D	MCERTS
D.O. for Gravimetric Quant if Screen/ID positive	Dependent option for Gravimetric Quant if Screen/ID positive scheduled.	In house asbestos methods A001 & A006.	A006-PL	D	NONE
Sulphate, water soluble, in soil	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS



Analytical Report Number : 21-51747
 Project / Site name: Longcross

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
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For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.
 For method numbers ending in 'PL' analysis have been carried out in our laboratory in Poland.
 Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.



Charlie Bruinvels
Paragon New Homes Ltd
The Harlequin Building
65 Southwark Street
London
SE1 0HR

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

e: charliebruinvels@paragonbc.co.uk

Analytical Report Number : 21-51746

Project / Site name:	Longcross	Samples received on:	15/01/2021
Your job number:	201250	Samples instructed on/ Analysis started on:	19/01/2021
Your order number:	201250-CB	Analysis completed by:	29/01/2021
Report Issue Number:	1	Report issued on:	29/01/2021
Samples Analysed:	18 soil samples		

Signed:

Joanna Wawrzeczko
Technical Reviewer (Reporting Team)
For & on behalf of i2 Analytical Ltd.

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

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

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

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

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

Analytical Report Number: 21-51746
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1740724	1740725	1740726	1740727	1740728			
Sample Reference	WS69b	WS61a	WS61b	WS01	WS01			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.50	0.50	0.20	0.20	0.50			
Date Sampled	15/01/2021	15/01/2021	15/01/2021	15/01/2021	15/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	9.7	17	15	11	9.4
Total mass of sample received	kg	0.001	NONE	0.7	2	1.5	1.5	1.7

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	Chrysotile	Chrysotile	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Detected	Detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	< 0.001	< 0.001	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	< 0.001	< 0.001	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.5	8.7	9.4	10.6	7.3
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Sulphate as SO4	%	0.005	MCERTS	0.068	0.103	0.171	0.403	0.222
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	130	340	580	790	19
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.067	0.17	0.29	0.39	0.0097
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	67	171	290	393	9.7
Total Organic Carbon (TOC)	%	0.1	MCERTS	0.5	0.6	1.9	0.8	0.2

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.3	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.22	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	1	0.93	2.7	1.2	< 0.05
Anthracene	mg/kg	0.05	MCERTS	0.31	1	0.54	0.27	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	3.9	1.4	3.9	2.9	< 0.05
Pyrene	mg/kg	0.05	MCERTS	3.4	1.2	3.2	2.4	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	2.6	0.89	2.2	1.8	< 0.05
Chrysene	mg/kg	0.05	MCERTS	1.7	0.63	1.6	1.4	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	2.2	0.92	1.9	1.7	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	1	0.44	0.98	0.76	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	1.8	0.76	1.7	1.3	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	1.1	0.47	0.95	0.69	< 0.05
Dibenzo(a,h)anthracene	mg/kg	0.05	MCERTS	0.29	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.99	0.45	0.88	0.68	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	20.4	9.01	21	15.1	< 0.80
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	11	5	6.2	9.6	2.8
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	0.4	0.4	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	24	13	17	16	6.8
Copper (aqua regia extractable)	mg/kg	1	MCERTS	26	22	33	61	16
Lead (aqua regia extractable)	mg/kg	1	MCERTS	120	46	100	52	5.8
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	0.5	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	11	6.2	12	22	1.9
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	82	130	160	68	11

Analytical Report Number: 21-51746
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1740724	1740725	1740726	1740727	1740728
Sample Reference	WS69b	WS61a	WS61b	WS01	WS01
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.50	0.50	0.20	0.20	0.50
Date Sampled	15/01/2021	15/01/2021	15/01/2021	15/01/2021	15/01/2021
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status		

Monoaromatics & Oxygenates

Parameter	Unit	Limit of detection	Accreditation Status	1740724	1740725	1740726	1740727	1740728
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

Parameter	Unit	Limit of detection	Accreditation Status	1740724	1740725	1740726	1740727	1740728
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	8.2	3.6	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	10	< 8.0	24	27	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	31	27	77	150	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	42	32	110	180	< 10

Parameter	Unit	Limit of detection	Accreditation Status	1740724	1740725	1740726	1740727	1740728
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	14	< 10	15	14	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	34	36	59	38	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	48	45	74	52	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-51746
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1740729	1740730	1740731	1740732	1740733			
Sample Reference	WS18b	WS17a	WS07	WS07	WS03			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.50	0.30	0.30	0.80	0.05			
Date Sampled	15/01/2021	15/01/2021	15/01/2021	15/01/2021	15/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	21	12	17	11	15
Total mass of sample received	kg	0.001	NONE	1.5	2	1.7	1.7	1.7

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.7	4.9	8.0	5.0	10.3
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Sulphate as SO4	%	0.005	MCERTS	0.092	0.027	0.116	0.05	0.233
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	94	44	740	130	510
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.047	0.022	0.37	0.064	0.25
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	46.8	21.9	371	64.4	255
Total Organic Carbon (TOC)	%	0.1	MCERTS	3.2	0.2	0.5	0.2	0.9

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	0.46	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	0.46	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	0.44	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.37	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	0.27	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	2	< 0.80	< 0.80	< 0.80	< 0.80
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	8.5	5.6	18	2.5	8.7
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	21	16	19	7.8	15
Copper (aqua regia extractable)	mg/kg	1	MCERTS	88	22	49	16	36
Lead (aqua regia extractable)	mg/kg	1	MCERTS	23	6.1	53	5.3	32
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	96	4.3	31	2.7	17
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	100	22	110	18	82

Analytical Report Number: 21-51746
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1740729	1740730	1740731	1740732	1740733
Sample Reference	WS18b	WS17a	WS07	WS07	WS03
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.50	0.30	0.30	0.80	0.05
Date Sampled	15/01/2021	15/01/2021	15/01/2021	15/01/2021	15/01/2021
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status		

Monoaromatics & Oxygenates

Parameter	Units	Limit of detection	Accreditation Status					
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	27
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	32

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-51746
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1740734	1740735	1740736	1740737	1740738			
Sample Reference	WS03	WS02	WS10	WS10	WS05			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.50	0.10	0.25	0.50	0.20			
Date Sampled	15/01/2021	15/01/2021	15/01/2021	15/01/2021	15/01/2021			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	9.3	13	10	8.7	17
Total mass of sample received	kg	0.001	NONE	1.7	1.2	1.7	1.7	1.2

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	5.0	11.6	7.2	12	9.4
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Total Sulphate as SO4	%	0.005	MCERTS	0.224	0.304	0.115	0.301	0.158
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	83	55	120	42	160
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.042	0.027	0.06	0.021	0.08
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	41.7	27.3	60.4	21.1	79.8
Total Organic Carbon (TOC)	%	0.1	MCERTS	0.2	0.8	0.2	0.3	0.5

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	0.62	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.85	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	0.68	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.46	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	0.41	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.45	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	0.2	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.34	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	4.01	< 0.80	< 0.80	< 0.80
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Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	5.4	6	15	7.7	8.1
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	8.4	15	14	17	14
Copper (aqua regia extractable)	mg/kg	1	MCERTS	15	30	18	31	43
Lead (aqua regia extractable)	mg/kg	1	MCERTS	4.7	18	9.2	23	16
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	2.7	16	2.2	12	22
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	16	38	16	42	49

Analytical Report Number: 21-51746
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1740734	1740735	1740736	1740737	1740738
Sample Reference	WS03	WS02	WS10	WS10	WS05
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.50	0.10	0.25	0.50	0.20
Date Sampled	15/01/2021	15/01/2021	15/01/2021	15/01/2021	15/01/2021
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status		

Monoaromatics & Oxygenates

Compound	µg/kg	Limit of detection	Accreditation Status					
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	Limit of detection	Accreditation Status					
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	5.6	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	47	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	660	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	720	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	Limit of detection	Accreditation Status					
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	2.4	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	11	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	74	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	87	< 10	< 10	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 21-51746
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1740739			1740740	1740741	
Sample Reference	WS05			WS06	WS06	
Sample Number	None Supplied			None Supplied	None Supplied	
Depth (m)	0.50			0.20	0.50	
Date Sampled	15/01/2021			15/01/2021	15/01/2021	
Time Taken	None Supplied			None Supplied	None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	14	16	11
Total mass of sample received	kg	0.001	NONE	2	1.7	1.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.3	10.4	6.3
Total Cyanide	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0
Total Sulphate as SO4	%	0.005	MCERTS	0.111	0.123	0.06
Water Soluble Sulphate as SO4 16hr extraction (2:1)	mg/kg	2.5	MCERTS	99	570	430
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	g/l	0.00125	MCERTS	0.049	0.29	0.22
Water Soluble SO4 16hr extraction (2:1 Leachate Equivale	mg/l	1.25	MCERTS	49.4	287	216
Total Organic Carbon (TOC)	%	0.1	MCERTS	0.2	0.2	0.1

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0

Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05
Dibenzo(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	MCERTS	< 0.80	< 0.80	< 0.80

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	3.7	6	1.7
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.2	MCERTS	< 1.2	< 1.2	< 1.2
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	9.2	14	10
Copper (aqua regia extractable)	mg/kg	1	MCERTS	14	20	5.7
Lead (aqua regia extractable)	mg/kg	1	MCERTS	6.1	10	7.7
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	1.5	10	2
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	13	18	6.2

Analytical Report Number: 21-51746
 Project / Site name: Longcross
 Your Order No: 201250-CB

Lab Sample Number	1740739			1740740			1740741		
Sample Reference	WS05			WS06			WS06		
Sample Number	None Supplied			None Supplied			None Supplied		
Depth (m)	0.50			0.20			0.50		
Date Sampled	15/01/2021			15/01/2021			15/01/2021		
Time Taken	None Supplied			None Supplied			None Supplied		
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status						

Monoaromatics & Oxygenates

Parameter	Units	Limit of detection	Accreditation Status	1740739	1740740	1740741
Benzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0

Petroleum Hydrocarbons

Parameter	Units	Limit of detection	Accreditation Status	1740739	1740740	1740741
TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	9.6	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	33	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	43	< 10

Parameter	Units	Limit of detection	Accreditation Status	1740739	1740740	1740741
TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample



Analytical Report Number: 21-51746
Project / Site name: Longcross
Your Order No: 201250-CB

Certificate of Analysis - Asbestos Quantification

Methods:

Qualitative Analysis

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

Quantitative Analysis

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

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

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

Both Qualitative and Quantitative Analyses are UKAS accredited.

Sample Number	Sample ID	Sample Depth (m)	Sample Weight (g)	Asbestos Containing Material Types Detected (ACM)	PLM Results	Asbestos by hand picking/weighing (%)	Total % Asbestos in Sample
1740726	WS61b	0.20	115	Loose Fibres	Chrysotile	< 0.001	< 0.001
1740727	WS01	0.20	146	Loose Fibres	Chrysotile	< 0.001	< 0.001

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



Analytical Report Number : 21-51746

Project / Site name: Longcross

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

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

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
1740724	WS69b	None Supplied	0.5	Brown loam and clay with gravel.
1740725	WS61a	None Supplied	0.5	Brown loam and clay with gravel and vegetation.
1740726	WS61b	None Supplied	0.2	Brown loam and clay with gravel.
1740727	WS01	None Supplied	0.2	Brown loam and sand with gravel.
1740728	WS01	None Supplied	0.5	Light brown sand.
1740729	WS18b	None Supplied	0.5	Brown loam and sand with gravel.
1740730	WS17a	None Supplied	0.3	Brown sand.
1740731	WS07	None Supplied	0.3	Brown sand.
1740732	WS07	None Supplied	0.8	Light brown sand.
1740733	WS03	None Supplied	0.05	Brown sand.
1740734	WS03	None Supplied	0.5	Light brown sand.
1740735	WS02	None Supplied	0.1	Brown sand with gravel.
1740736	WS10	None Supplied	0.25	Brown sand.
1740737	WS10	None Supplied	0.5	Brown sand with gravel.
1740738	WS05	None Supplied	0.2	Brown sand with fibrous material.
1740739	WS05	None Supplied	0.5	Brown sand.
1740740	WS06	None Supplied	0.2	Brown sand.
1740741	WS06	None Supplied	0.5	Brown sand.

Analytical Report Number : 21-51746
Project / Site name: Longcross

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with disperion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Hexavalent chromium in soil (Lower Level)	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	MCERTS
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (skalar)	L080-PL	W	MCERTS
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Total cyanide in soil	Determination of total cyanide by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (Skalar)	L080-PL	W	MCERTS
Total organic carbon (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L009-PL	D	MCERTS
BTEX and MTBE in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS.	In-house method based on USEPA8260	L0738-PL	W	MCERTS
TPHCWG (Soil)	Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID.	In-house method with silica gel split/clean up.	L088/76-PL	W	MCERTS
Asbestos Quantification - Gravimetric	Asbestos quantification by gravimetric method - in house method based on references.	HSE Report No: 83/1996, HSG 248, HSG 264 & SCA Blue Book (draft).	A006-PL	D	ISO 17025
Total Sulphate in soil as %	Determination of total sulphate in soil by extraction with 10% HCl followed by ICP-OES.	In house method.	L038-PL	D	MCERTS
D.O. for Gravimetric Quant if Screen/ID positive	Dependent option for Gravimetric Quant if Screen/ID positive scheduled.	In house asbestos methods A001 & A006.	A006-PL	D	NONE
Sulphate, water soluble, in soil	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS



Analytical Report Number : 21-51746
 Project / Site name: Longcross

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
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For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.
 For method numbers ending in 'PL' analysis have been carried out in our laboratory in Poland.
 Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

APPENDIX 6: HAZWASTE ONLINE RESULTS

Waste Classification Report



EM3NQ-2CP8M-3YUL7

Job name

Batch - 1 i2 report 21-50506 with quants

Description/Comments

Project

Paragon

Site

Longcross

Related Documents

#	Name	Description
1	Classification Report-Batch 1 - i2 report 21-50506.pdf	Classification for Job: Batch 1 - i2 report 21-50506
2	Classification Report-Batch 1 - i2 report 21-50506[1].pdf	Classification for Job: Batch 1 - i2 report 21-50506

Waste Stream Template

Paragon Homes

Classified by

Name: Richard Blaney	Company: Forge Environmental Management Ltd	HazWasteOnline™ Training Record:	
Date: 01 Feb 2021 08:28 GMT	The Forge, Lower Vagg	Course	Date
Telephone: 01935 840 346	Chilthorne Domer	Hazardous Waste Classification	-
	Yeovil	Advanced Hazardous Waste Classification	-
	BA21 3PY		

Report

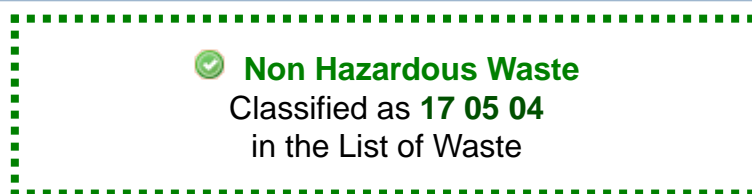
Created by: Richard Blaney
Created date: 01 Feb 2021 08:28 GMT

Job summary

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
1	WS04	0.3	Non Hazardous		3
2	WS09	0.2	Non Hazardous		5
3	WS09 - 1	1.5	Non Hazardous		7
4	WS19	0.2	Non Hazardous		10
5	WS19 - 1	1.2	Non Hazardous		13
6	WS35	0.1	Non Hazardous		15
7	WS35 - 1	0.5	Non Hazardous		18
8	WS45	0.4	Non Hazardous		20
9	WS45 - 1	0.9	Non Hazardous		22
10	WS47	0.1	Hazardous	HP 3(i), HP 7, HP 11	24
11	WS47 - 1	0.5	Non Hazardous		27
12	WS54	0.2	Non Hazardous		29
13	Ws54 - 1	1.5	Non Hazardous		32
14	WS58	0.3	Non Hazardous		

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
15	WS58-1	0.75	Non Hazardous		36
16	WS58 - 2	1.5	Non Hazardous		39
17	WS69	0.3	Non Hazardous		41
18	WS70	0.4	Hazardous	HP 3(i), HP 7, HP 11	44
19	WS70 -1	2.6	Non Hazardous		47
20	WS71	0.2	Hazardous	HP 3(i), HP 5, HP 7	49
21	WS71 -1	1.4	Non Hazardous		52
22	WS73a	0.5	Hazardous	HP 3(i), HP 7	54
23	WS73a - 1	1.2	Non Hazardous		57
24	WS74	0.3	Non Hazardous		59
25	WS74 - 1	1.2	Non Hazardous		62
26	WS75	0.5	Non Hazardous		64
27	WS75 - 1	0.35	Non Hazardous		66
28	WS75 - 2	2.5	Non Hazardous		68
29	WS76a	0.2	Non Hazardous		70
30	WS77	0.4	Non Hazardous		72
31	WS77 - 1	1.5	Non Hazardous		75
32	WS78	0.5	Non Hazardous		77
33	WS78 - 1	1.5	Non Hazardous		79
34	WS79	0.5	Non Hazardous		81
35	WS79 - 1	1.5	Non Hazardous		83

Appendices	Page
Appendix A: Classifier defined and non CLP determinands	85
Appendix B: Rationale for selection of metal species	86
Appendix C: Version	87

Classification of sample: WS04

Sample details

Sample Name:	LoW Code:	
WS04	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.3 m		

Hazard properties

None identified

Determinands

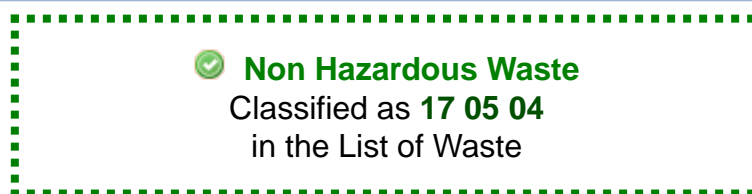
Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	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			P1186		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	monohydric phenols									
3	601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	naphthalene									
4		205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	acenaphthylene									
5		201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	acenaphthene									
6		201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	fluorene									
7		201-581-5	85-01-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	phenanthrene									
8		204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	anthracene									
9		205-912-4	206-44-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	fluoranthene									
10		204-927-3	129-00-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	pyrene									
11	601-033-00-9	200-280-6	56-55-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	benzo[a]anthracene									
12	601-048-00-0	205-923-4	218-01-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	chrysene									
13	601-034-00-4	205-911-9	205-99-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	benzo[b]fluoranthene									
14	601-036-00-5	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	benzo[k]fluoranthene									
15	601-032-00-3	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	benzo[a]pyrene; benzo[def]chrysene									
16		205-893-2	193-39-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	indeno[123-cd]pyrene									
17	601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	dibenz[a,h]anthracene									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				11 mg/kg		11 mg/kg	0.0011 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				14 mg/kg		14 mg/kg	0.0014 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				11 mg/kg	1.74	19.138 mg/kg	0.00191 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	5.7 mg/kg		5.7 mg/kg	0.00057 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	3.4 mg/kg		3.4 mg/kg	0.00034 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				15 mg/kg		15 mg/kg	0.0015 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.00946 %		

Key

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

Classification of sample: WS09

Sample details

Sample Name:	LoW Code:	
WS09	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				22 mg/kg		22 mg/kg	0.0022 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				35 mg/kg		35 mg/kg	0.0035 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				16 mg/kg	1.74	27.837 mg/kg	0.00278 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	12 mg/kg		12 mg/kg	0.0012 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	12 mg/kg		12 mg/kg	0.0012 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				30 mg/kg		30 mg/kg	0.003 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.0165 %		

Key

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

Classification of sample: WS09 - 1

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

Sample details

Sample Name:	LoW Code:	
WS09 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				8.1 mg/kg		8.1 mg/kg	0.00081 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				6.7 mg/kg		6.7 mg/kg	0.00067 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				11 mg/kg	1.74	19.138 mg/kg	0.00191 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	4.7 mg/kg		4.7 mg/kg	0.00047 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	1.6 mg/kg		1.6 mg/kg	0.00016 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				13 mg/kg		13 mg/kg	0.0013 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				52 mg/kg		52 mg/kg	0.0052 %			
			TPH								
								Total:	0.0112 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is the hazardous waste threshold for non-diesel TPH's

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0052%)

Classification of sample: WS19

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

Sample details

Sample Name:	LoW Code:	
WS19	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
		205-912-4	206-44-0									
10	pyrene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
		204-927-3	129-00-0									
11	benzo[a]anthracene				0.63	mg/kg		0.63	mg/kg	0.000063 %		
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				0.54	mg/kg		0.54	mg/kg	0.000054 %		
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				0.73	mg/kg		0.73	mg/kg	0.000073 %		
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				0.41	mg/kg		0.41	mg/kg	0.000041 %		
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				0.6	mg/kg		0.6	mg/kg	0.00006 %		
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				0.35 mg/kg		0.35 mg/kg	0.000035 %		
		205-883-8	191-24-2							
19	arsenic { arsenic }				8 mg/kg		8 mg/kg	0.0008 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				18 mg/kg		18 mg/kg	0.0018 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				30 mg/kg	1.74	52.194 mg/kg	0.00522 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	84 mg/kg		84 mg/kg	0.0084 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	13 mg/kg		13 mg/kg	0.0013 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				63 mg/kg		63 mg/kg	0.0063 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				24 mg/kg		24 mg/kg	0.0024 %		
			TPH							
Total:								0.0274 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is the hazardous waste threshold for non-diesel TPH's

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: WS19 - 1

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

Sample details

Sample Name:	LoW Code:
WS19 - 1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.2 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				3.4 mg/kg		3.4 mg/kg	0.00034 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				14 mg/kg		14 mg/kg	0.0014 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				14 mg/kg	1.74	24.357 mg/kg	0.00244 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	5.6 mg/kg		5.6 mg/kg	0.00056 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	3.7 mg/kg		3.7 mg/kg	0.00037 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				18 mg/kg		18 mg/kg	0.0018 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.00963 %		

Key

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

Classification of sample: WS35

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

Sample details

Sample Name:	LoW Code:
WS35	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.1 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				0.45 mg/kg		0.45 mg/kg	0.000045 %		
		205-912-4	206-44-0							
10	pyrene				0.53 mg/kg		0.53 mg/kg	0.000053 %		
		204-927-3	129-00-0							
11	benzo[a]anthracene				0.32 mg/kg		0.32 mg/kg	0.000032 %		
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				0.21 mg/kg		0.21 mg/kg	0.000021 %		
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				0.37 mg/kg		0.37 mg/kg	0.000037 %		
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				0.16 mg/kg		0.16 mg/kg	0.000016 %		
	601-036-00-5	205-916-6	207-08-9							
15	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							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				7.2 mg/kg		7.2 mg/kg	0.00072 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				17 mg/kg		17 mg/kg	0.0017 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				11 mg/kg	1.74	19.138 mg/kg	0.00191 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	17 mg/kg		17 mg/kg	0.0017 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	5.3 mg/kg		5.3 mg/kg	0.00053 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				22 mg/kg		22 mg/kg	0.0022 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				48 mg/kg		48 mg/kg	0.0048 %			
			TPH								
								Total:	0.0144 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is the hazardous waste threshold for non-diesel TPH's

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0048%)

Classification of sample: WS35 - 1

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

Sample details

Sample Name:	LoW Code:
WS35 - 1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				3.7 mg/kg		3.7 mg/kg	0.00037 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				23 mg/kg		23 mg/kg	0.0023 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				12 mg/kg	1.74	20.878 mg/kg	0.00209 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6.2 mg/kg		6.2 mg/kg	0.00062 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	4.2 mg/kg		4.2 mg/kg	0.00042 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				15 mg/kg		15 mg/kg	0.0015 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.00994 %		

Key

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

Classification of sample: WS45

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

Sample details

Sample Name:	LoW Code:
WS45	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.4 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7								
7	phenanthrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8								
8	anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7								
9	fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0								
10	pyrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0								
11	benzo[a]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				5.8 mg/kg		5.8 mg/kg	0.00058 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				29 mg/kg		29 mg/kg	0.0029 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				9.5 mg/kg	1.74	16.528 mg/kg	0.00165 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	4.8 mg/kg		4.8 mg/kg	0.00048 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	6.9 mg/kg		6.9 mg/kg	0.00069 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				23 mg/kg		23 mg/kg	0.0023 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0112 %		

Key

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

Classification of sample: WS45 - 1

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

Sample details

Sample Name:	LoW Code:
WS45 - 1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:
0.9 m	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %			<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-581-5	85-01-8								
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-371-1	120-12-7								
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-912-4	206-44-0								
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-927-3	129-00-0								
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				6.9 mg/kg		6.9 mg/kg	0.00069 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				28 mg/kg		28 mg/kg	0.0028 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				11 mg/kg	1.74	19.138 mg/kg	0.00191 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6.4 mg/kg		6.4 mg/kg	0.00064 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	11 mg/kg		11 mg/kg	0.0011 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				29 mg/kg		29 mg/kg	0.0029 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0127 %		

Key

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

Classification of sample: WS47



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

Sample details

Sample Name: WS47	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.1 m	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 1000mg/kg is the hazardous waste threshold for non-diesel TPH's

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.109%)

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.: 0.109%)

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.: 0.109%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				0.76	mg/kg		0.76	mg/kg	0.000076 %		
		205-917-1	208-96-8									
5	acenaphthene				5	mg/kg		5	mg/kg	0.0005 %		
		201-469-6	83-32-9									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
6	fluorene	201-695-5	86-73-7		4.1 mg/kg		4.1 mg/kg	0.00041 %		
7	phenanthrene	201-581-5	85-01-8		45 mg/kg		45 mg/kg	0.0045 %		
8	anthracene	204-371-1	120-12-7		12 mg/kg		12 mg/kg	0.0012 %		
9	fluoranthene	205-912-4	206-44-0		68 mg/kg		68 mg/kg	0.0068 %		
10	pyrene	204-927-3	129-00-0		45 mg/kg		45 mg/kg	0.0045 %		
11	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	30 mg/kg		30 mg/kg	0.003 %		
12	chrysene	601-048-00-0	205-923-4	218-01-9	21 mg/kg		21 mg/kg	0.0021 %		
13	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	32 mg/kg		32 mg/kg	0.0032 %		
14	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	8.8 mg/kg		8.8 mg/kg	0.00088 %		
15	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	21 mg/kg		21 mg/kg	0.0021 %		
16	indeno[123-cd]pyrene	205-893-2	193-39-5		9.9 mg/kg		9.9 mg/kg	0.00099 %		
17	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	3.3 mg/kg		3.3 mg/kg	0.00033 %		
18	benzo[ghi]perylene	205-883-8	191-24-2		11 mg/kg		11 mg/kg	0.0011 %		
19	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2	11 mg/kg		11 mg/kg	0.0011 %		
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex	024-017-00-8			<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
22	chromium(III) oxide (worst case)	215-160-9	1308-38-9		19 mg/kg		19 mg/kg	0.0019 %		
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }	029-020-00-8	235-113-6	12069-69-1	34 mg/kg	1.74	59.153 mg/kg	0.00592 %		
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)	082-001-00-6			9.2 mg/kg		9.2 mg/kg	0.00092 %		
25	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6	<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
26	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	15 mg/kg		15 mg/kg	0.0015 %		
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex	034-002-00-8			<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
28	zinc { zinc powder - zinc dust (stabilised) }	030-001-01-9	231-175-3	7440-66-6	50 mg/kg		50 mg/kg	0.005 %		
29	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
30	toluene	601-021-00-3	203-625-9	108-88-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
31	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2]	95-47-6 [1] 106-42-3 [2]	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
		203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]							
33		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane			<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
34		confirm TPH has NOT arisen from diesel or petrol			<input checked="" type="checkbox"/>					
35		TPH (C6 to C40) petroleum group			1090 mg/kg		1090 mg/kg	0.109 %		
			TPH							
Total:								0.158 %		

Key

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

Classification of sample: WS47 - 1


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

Sample details

Sample Name:	LoW Code:
WS47 - 1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				7.1 mg/kg		7.1 mg/kg	0.00071 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				25 mg/kg		25 mg/kg	0.0025 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				13 mg/kg	1.74	22.617 mg/kg	0.00226 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	4.9 mg/kg		4.9 mg/kg	0.00049 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	5.8 mg/kg		5.8 mg/kg	0.00058 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				25 mg/kg		25 mg/kg	0.0025 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.0117 %		

Key

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

Classification of sample: WS54

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

Sample details

Sample Name:	LoW Code:	
WS54	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				1.5 mg/kg		1.5 mg/kg	0.00015 %		
		201-581-5	85-01-8							
8	anthracene				0.43 mg/kg		0.43 mg/kg	0.000043 %		
		204-371-1	120-12-7							
9	fluoranthene				2.8 mg/kg		2.8 mg/kg	0.00028 %		
		205-912-4	206-44-0							
10	pyrene				2.9 mg/kg		2.9 mg/kg	0.00029 %		
		204-927-3	129-00-0							
11	benzo[a]anthracene				1.6 mg/kg		1.6 mg/kg	0.00016 %		
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				1.3 mg/kg		1.3 mg/kg	0.00013 %		
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				1.7 mg/kg		1.7 mg/kg	0.00017 %		
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				0.52 mg/kg		0.52 mg/kg	0.000052 %		
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				0.91 mg/kg		0.91 mg/kg	0.000091 %		
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				0.65 mg/kg		0.65 mg/kg	0.000065 %		
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				0.91 mg/kg		0.91 mg/kg	0.000091 %			
		205-883-8	191-24-2								
19	arsenic { arsenic }				16 mg/kg		16 mg/kg	0.0016 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	0.6 mg/kg		0.6 mg/kg	0.00006 %			
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				32 mg/kg		32 mg/kg	0.0032 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				53 mg/kg	1.74	92.209 mg/kg	0.00922 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	240 mg/kg		240 mg/kg	0.024 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	25 mg/kg		25 mg/kg	0.0025 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				160 mg/kg		160 mg/kg	0.016 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				390 mg/kg		390 mg/kg	0.039 %			
			TPH								
								Total:	0.0977 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is the hazardous waste threshold for non-diesel TPH's

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.039%)

Classification of sample: Ws54 - 1

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

Sample details

Sample Name:	LoW Code:	
Ws54 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				3 mg/kg		3 mg/kg	0.0003 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				12 mg/kg		12 mg/kg	0.0012 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				13 mg/kg	1.74	22.617 mg/kg	0.00226 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	4.2 mg/kg		4.2 mg/kg	0.00042 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	4.3 mg/kg		4.3 mg/kg	0.00043 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				17 mg/kg		17 mg/kg	0.0017 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.00895 %		

Key

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

Classification of sample: WS58

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

Sample details

Sample Name:	LoW Code:
WS58	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.3 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				2.8 mg/kg		2.8 mg/kg	0.00028 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				12 mg/kg		12 mg/kg	0.0012 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				16 mg/kg	1.74	27.837 mg/kg	0.00278 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	7.8 mg/kg		7.8 mg/kg	0.00078 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	11 mg/kg		11 mg/kg	0.0011 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				19 mg/kg		19 mg/kg	0.0019 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0107 %		

Key

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

Classification of sample: WS58-1

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

Sample details

Sample Name:	LoW Code:
WS58-1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.75 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7								
7	phenanthrene				0.52 mg/kg		0.52	mg/kg	0.000052 %		
		201-581-5	85-01-8								
8	anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7								
9	fluoranthene				1.2 mg/kg		1.2	mg/kg	0.00012 %		
		205-912-4	206-44-0								
10	pyrene				1.3 mg/kg		1.3	mg/kg	0.00013 %		
		204-927-3	129-00-0								
11	benzo[a]anthracene				0.74 mg/kg		0.74	mg/kg	0.000074 %		
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				0.5 mg/kg		0.5	mg/kg	0.00005 %		
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				0.8 mg/kg		0.8	mg/kg	0.00008 %		
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				0.33 mg/kg		0.33	mg/kg	0.000033 %		
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				0.66 mg/kg		0.66	mg/kg	0.000066 %		
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				0.28 mg/kg		0.28	mg/kg	0.000028 %		
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				0.4 mg/kg		0.4 mg/kg	0.00004 %		
		205-883-8	191-24-2							
19	arsenic { arsenic }				7.5 mg/kg		7.5 mg/kg	0.00075 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				21 mg/kg		21 mg/kg	0.0021 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				20 mg/kg	1.74	34.796 mg/kg	0.00348 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	19 mg/kg		19 mg/kg	0.0019 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	12 mg/kg		12 mg/kg	0.0012 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				58 mg/kg		58 mg/kg	0.0058 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				22 mg/kg		22 mg/kg	0.0022 %		
			TPH							
Total:								0.0187 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is the hazardous waste threshold for non-diesel TPH's

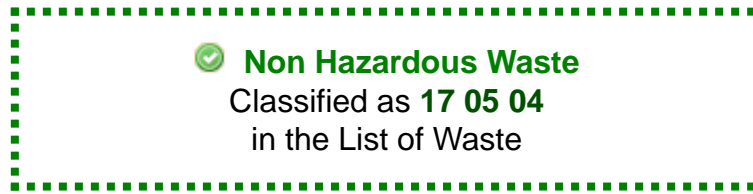
Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0022%)

Classification of sample: WS58 - 2



Sample details

Sample Name:	LoW Code:	
WS58 - 2	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				5.1 mg/kg		5.1 mg/kg	0.00051 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				20 mg/kg		20 mg/kg	0.002 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				14 mg/kg	1.74	24.357 mg/kg	0.00244 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	4.5 mg/kg		4.5 mg/kg	0.00045 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	4.5 mg/kg		4.5 mg/kg	0.00045 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				23 mg/kg		23 mg/kg	0.0023 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.0108 %		

Key

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

Classification of sample: WS69

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

Sample details

Sample Name:	LoW Code:	
WS69	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.3 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				0.21 mg/kg		0.21 mg/kg	0.000021 %		
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				0.57 mg/kg		0.57 mg/kg	0.000057 %		
		205-912-4	206-44-0							
10	pyrene				0.74 mg/kg		0.74 mg/kg	0.000074 %		
		204-927-3	129-00-0							
11	benzo[a]anthracene				0.2 mg/kg		0.2 mg/kg	0.00002 %		
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				0.3 mg/kg		0.3 mg/kg	0.00003 %		
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				0.93 mg/kg		0.93 mg/kg	0.000093 %		
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				0.26 mg/kg		0.26 mg/kg	0.000026 %		
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				0.71 mg/kg		0.71 mg/kg	0.000071 %		
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				0.58 mg/kg		0.58 mg/kg	0.000058 %		
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				0.87 mg/kg		0.87 mg/kg	0.000087 %			
		205-883-8	191-24-2								
19	arsenic { arsenic }				5.5 mg/kg		5.5 mg/kg	0.00055 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				18 mg/kg		18 mg/kg	0.0018 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				42 mg/kg	1.74	73.071 mg/kg	0.00731 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	5.9 mg/kg		5.9 mg/kg	0.00059 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	20 mg/kg		20 mg/kg	0.002 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				47 mg/kg		47 mg/kg	0.0047 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				440 mg/kg		440 mg/kg	0.044 %			
			TPH								
								Total:	0.0621 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is the hazardous waste threshold for non-diesel TPH's


Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.044%)

Classification of sample: WS70



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

Sample details

Sample Name: WS70	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.4 m	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 1000mg/kg is the hazardous waste threshold for non-diesel TPH's

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.119%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.119%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.119%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
6	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	phenanthrene	201-581-5	85-01-8		0.5 mg/kg		0.5 mg/kg	0.00005 %		
8	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
9	fluoranthene	205-912-4	206-44-0		1.6 mg/kg		1.6 mg/kg	0.00016 %		
10	pyrene	204-927-3	129-00-0		1.6 mg/kg		1.6 mg/kg	0.00016 %		
11	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.9 mg/kg		0.9 mg/kg	0.00009 %		
12	chrysene	601-048-00-0	205-923-4	218-01-9	1 mg/kg		1 mg/kg	0.0001 %		
13	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	1.4 mg/kg		1.4 mg/kg	0.00014 %		
14	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.77 mg/kg		0.77 mg/kg	0.000077 %		
15	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	1.3 mg/kg		1.3 mg/kg	0.00013 %		
16	indeno[123-cd]pyrene	205-893-2	193-39-5		0.73 mg/kg		0.73 mg/kg	0.000073 %		
17	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
18	benzo[ghi]perylene	205-883-8	191-24-2		0.87 mg/kg		0.87 mg/kg	0.000087 %		
19	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2	8.6 mg/kg		8.6 mg/kg	0.00086 %		
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1 <0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex	024-017-00-8			<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
22	chromium(III) oxide (worst case)	215-160-9	1308-38-9		21 mg/kg		21 mg/kg	0.0021 %		
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }	029-020-00-8	235-113-6	12069-69-1	46 mg/kg	1.74	80.03 mg/kg	0.008 %		
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)	082-001-00-6			1 34 mg/kg		34 mg/kg	0.0034 %		
25	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6	<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
26	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7 20 mg/kg		20 mg/kg	0.002 %		
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex	034-002-00-8			<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
28	zinc { zinc powder - zinc dust (stabilised) }	030-001-01-9	231-175-3	7440-66-6	81 mg/kg		81 mg/kg	0.0081 %		
29	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
30	toluene	601-021-00-3	203-625-9	108-88-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
31	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2]	95-47-6 [1] 106-42-3 [2]	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
		203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]							
33		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane			<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
34		confirm TPH has NOT arisen from diesel or petrol			<input checked="" type="checkbox"/>					
35		TPH (C6 to C40) petroleum group			1190 mg/kg		1190 mg/kg	0.119 %		
			TPH							
Total:								0.145 %		

Key

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

Classification of sample: WS70 -1

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

Sample details

Sample Name:	LoW Code:	
WS70 -1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
2.6 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				0.3 mg/kg		0.3 mg/kg	0.00003 %		
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				0.35 mg/kg		0.35 mg/kg	0.000035 %		
		205-912-4	206-44-0							
10	pyrene				0.32 mg/kg		0.32 mg/kg	0.000032 %		
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				22 mg/kg		22 mg/kg	0.0022 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				15 mg/kg		15 mg/kg	0.0015 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				18 mg/kg	1.74	31.316 mg/kg	0.00313 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6.2 mg/kg		6.2 mg/kg	0.00062 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	5.4 mg/kg		5.4 mg/kg	0.00054 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				22 mg/kg		22 mg/kg	0.0022 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.0129 %		

Key

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

Classification of sample: WS71



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

Sample details

Sample Name: WS71	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.2 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 5: Specific Target Organ Toxicity (STOT)/Aspiration Toxicity "waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration"

Hazard Statements hit:

STOT RE 1; H372 "Causes damage to organs [or state all organs affected, if known] through prolonged or repeated exposure [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

asbestos: (conc.: 1.9%)

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

Hazard Statements hit:

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

Because of determinand:

asbestos: (conc.: 1.9%)

Hazard properties (substances considered hazardous until shown otherwise)

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"

Hazard Statements hit:


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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0316%)

Determinands

Moisture content: **0%** No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	asbestos 650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5		19000 mg/kg		19000 mg/kg	1.9 %		
2	 cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
3	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
			P1186								
4	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
	601-052-00-2	202-049-5	91-20-3								
5	acenaphthylene				1.2 mg/kg		1.2 mg/kg	0.00012 %			
		205-917-1	208-96-8								
6	acenaphthene				1.5 mg/kg		1.5 mg/kg	0.00015 %			
		201-469-6	83-32-9								
7	fluorene				3.5 mg/kg		3.5 mg/kg	0.00035 %			
		201-695-5	86-73-7								
8	phenanthrene				33 mg/kg		33 mg/kg	0.0033 %			
		201-581-5	85-01-8								
9	anthracene				6.9 mg/kg		6.9 mg/kg	0.00069 %			
		204-371-1	120-12-7								
10	fluoranthene				33 mg/kg		33 mg/kg	0.0033 %			
		205-912-4	206-44-0								
11	pyrene				26 mg/kg		26 mg/kg	0.0026 %			
		204-927-3	129-00-0								
12	benzo[a]anthracene				14 mg/kg		14 mg/kg	0.0014 %			
	601-033-00-9	200-280-6	56-55-3								
13	chrysene				11 mg/kg		11 mg/kg	0.0011 %			
	601-048-00-0	205-923-4	218-01-9								
14	benzo[b]fluoranthene				11 mg/kg		11 mg/kg	0.0011 %			
	601-034-00-4	205-911-9	205-99-2								
15	benzo[k]fluoranthene				5.7 mg/kg		5.7 mg/kg	0.00057 %			
	601-036-00-5	205-916-6	207-08-9								
16	benzo[a]pyrene; benzo[def]chrysene				11 mg/kg		11 mg/kg	0.0011 %			
	601-032-00-3	200-028-5	50-32-8								
17	indeno[123-cd]pyrene				3.9 mg/kg		3.9 mg/kg	0.00039 %			
		205-893-2	193-39-5								
18	dibenz[a,h]anthracene				0.99 mg/kg		0.99 mg/kg	0.000099 %			
	601-041-00-2	200-181-8	53-70-3								
19	benzo[ghi]perylene				4.5 mg/kg		4.5 mg/kg	0.00045 %			
		205-883-8	191-24-2								
20	arsenic { arsenic }				11 mg/kg		11 mg/kg	0.0011 %			
	033-001-00-X	231-148-6	7440-38-2								
21	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
22	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
23	chromium(III) oxide (worst case)				25 mg/kg		25 mg/kg	0.0025 %			
		215-160-9	1308-38-9								
24	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				63 mg/kg	1.74	109.607 mg/kg	0.011 %			
	029-020-00-8	235-113-6	12069-69-1								
25	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	40 mg/kg		40 mg/kg	0.004 %			
	082-001-00-6										
26	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
27	nickel { nickel }			7	17 mg/kg		17 mg/kg	0.0017 %			
	028-002-00-7	231-111-4	7440-02-0								
28	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
29	zinc { zinc powder - zinc dust (stabilised) }				120 mg/kg		120 mg/kg	0.012 %			
	030-001-01-9	231-175-3	7440-66-6								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
30	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
31	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
32	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
33	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1]	95-47-6 [1]							
		203-396-5 [2]	106-42-3 [2]							
		203-576-3 [3]	108-38-3 [3]							
		215-535-7 [4]	1330-20-7 [4]							
34	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							
35	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
36	TPH (C6 to C40) petroleum group				316 mg/kg		316 mg/kg	0.0316 %		
			TPH							
Total:								1.981 %		

Key

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

Classification of sample: WS71 -1

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

Sample details

Sample Name:	LoW Code:
WS71 -1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.4 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-581-5	85-01-8								
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-371-1	120-12-7								
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-912-4	206-44-0								
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-927-3	129-00-0								
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				3.6 mg/kg		3.6 mg/kg	0.00036 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				7 mg/kg		7 mg/kg	0.0007 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				15 mg/kg	1.74	26.097 mg/kg	0.00261 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	3.7 mg/kg		3.7 mg/kg	0.00037 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	3.3 mg/kg		3.3 mg/kg	0.00033 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				14 mg/kg		14 mg/kg	0.0014 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.00841 %		

Key

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

Classification of sample: WS73a



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

Sample details

Sample Name: WS73a	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.5 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

asbestos: (conc.: 0.103%)

Hazard properties (substances considered hazardous until shown otherwise)

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"

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0036%)

Determinands

Moisture content: **0% No Moisture Correction applied (MC)**

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	asbestos				1030 mg/kg		1030 mg/kg	0.103 %		
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5							
2	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
3	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
4	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
5	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
6	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
7	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	phenanthrene	201-581-5	85-01-8		1 mg/kg		1 mg/kg	0.0001 %		
9	anthracene	204-371-1	120-12-7		0.23 mg/kg		0.23 mg/kg	0.000023 %		
10	fluoranthene	205-912-4	206-44-0		1.8 mg/kg		1.8 mg/kg	0.00018 %		
11	pyrene	204-927-3	129-00-0		1.6 mg/kg		1.6 mg/kg	0.00016 %		
12	benzo[a]anthracene	601-033-00-9	200-280-6		1.1 mg/kg		1.1 mg/kg	0.00011 %		
13	chrysene	601-048-00-0	205-923-4		0.84 mg/kg		0.84 mg/kg	0.000084 %		
14	benzo[b]fluoranthene	601-034-00-4	205-911-9		1.2 mg/kg		1.2 mg/kg	0.00012 %		
15	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.42 mg/kg		0.42 mg/kg	0.000042 %		
16	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.86 mg/kg		0.86 mg/kg	0.000086 %		
17	indeno[123-cd]pyrene	205-893-2	193-39-5		0.56 mg/kg		0.56 mg/kg	0.000056 %		
18	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	benzo[ghi]perylene	205-883-8	191-24-2		0.59 mg/kg		0.59 mg/kg	0.000059 %		
20	arsenic { arsenic }	033-001-00-X	231-148-6		16 mg/kg		16 mg/kg	0.0016 %		
21	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5		1	<0.2 mg/kg		<0.2 mg/kg	<0.000002 %		<LOD
22	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex	024-017-00-8			<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
23	chromium(III) oxide (worst case)	215-160-9	1308-38-9		30 mg/kg		30 mg/kg	0.003 %		
24	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }	029-020-00-8	235-113-6		28 mg/kg	1.74	48.714 mg/kg	0.00487 %		
25	lead compounds with the exception of those specified elsewhere in this Annex (worst case)	082-001-00-6		1	67 mg/kg		67 mg/kg	0.0067 %		
26	mercury { mercury }	080-001-00-0	231-106-7		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
27	nickel { nickel }	028-002-00-7	231-111-4		18 mg/kg		18 mg/kg	0.0018 %		
28	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex	034-002-00-8			<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
29	zinc { zinc powder - zinc dust (stabilised) }	030-001-01-9	231-175-3		96 mg/kg		96 mg/kg	0.0096 %		
30	benzene	601-020-00-8	200-753-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
31	toluene	601-021-00-3	203-625-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
32	ethylbenzene	601-023-00-4	202-849-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
33	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
		203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]							
34		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							
35		confirm TPH has NOT arisen from diesel or petrol			<input checked="" type="checkbox"/>					
36		TPH (C6 to C40) petroleum group			36 mg/kg		36 mg/kg	0.0036 %		
			TPH							
Total:								0.136 %		

Key

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

Classification of sample: WS73a - 1

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

Sample details

Sample Name:	LoW Code:	
WS73a - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.2 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				2.2 mg/kg		2.2 mg/kg	0.00022 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				9.1 mg/kg		9.1 mg/kg	0.00091 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				13 mg/kg	1.74	22.617 mg/kg	0.00226 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	5.2 mg/kg		5.2 mg/kg	0.00052 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	3.2 mg/kg		3.2 mg/kg	0.00032 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				17 mg/kg		17 mg/kg	0.0017 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.00857 %		

Key

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

Classification of sample: WS74

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

Sample details

Sample Name:	LoW Code:	
WS74	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.3 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				0.42 mg/kg		0.42 mg/kg	0.000042 %		
		201-581-5	85-01-8							
8	anthracene				0.17 mg/kg		0.17 mg/kg	0.000017 %		
		204-371-1	120-12-7							
9	fluoranthene				1.4 mg/kg		1.4 mg/kg	0.00014 %		
		205-912-4	206-44-0							
10	pyrene				1.5 mg/kg		1.5 mg/kg	0.00015 %		
		204-927-3	129-00-0							
11	benzo[a]anthracene				0.85 mg/kg		0.85 mg/kg	0.000085 %		
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				0.56 mg/kg		0.56 mg/kg	0.000056 %		
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				0.74 mg/kg		0.74 mg/kg	0.000074 %		
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				0.44 mg/kg		0.44 mg/kg	0.000044 %		
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				0.74 mg/kg		0.74 mg/kg	0.000074 %		
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				0.36 mg/kg		0.36 mg/kg	0.000036 %		
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				0.44 mg/kg		0.44 mg/kg	0.000044 %		
		205-883-8	191-24-2							
19	arsenic { arsenic }				7.4 mg/kg		7.4 mg/kg	0.00074 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				17 mg/kg		17 mg/kg	0.0017 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				25 mg/kg	1.74	43.495 mg/kg	0.00435 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	17 mg/kg		17 mg/kg	0.0017 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	20 mg/kg		20 mg/kg	0.002 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				44 mg/kg		44 mg/kg	0.0044 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				28 mg/kg		28 mg/kg	0.0028 %		
			TPH							
Total:								0.019 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is the hazardous waste threshold for non-diesel TPH's

Hazard Statements hit:

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

Because of determinand:

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

Classification of sample: WS74 - 1

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

Sample details

Sample Name:	LoW Code:	
WS74 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.2 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				12 mg/kg		12 mg/kg	0.0012 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				21 mg/kg		21 mg/kg	0.0021 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				13 mg/kg	1.74	22.617 mg/kg	0.00226 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	7.8 mg/kg		7.8 mg/kg	0.00078 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	8.5 mg/kg		8.5 mg/kg	0.00085 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				22 mg/kg		22 mg/kg	0.0022 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0121 %		

Key

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

Classification of sample: WS75

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

Sample details

Sample Name:	LoW Code:	
WS75	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-581-5	85-01-8								
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-371-1	120-12-7								
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-912-4	206-44-0								
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-927-3	129-00-0								
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				6.1 mg/kg		6.1 mg/kg	0.00061 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				13 mg/kg		13 mg/kg	0.0013 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				17 mg/kg	1.74	29.576 mg/kg	0.00296 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	18 mg/kg		18 mg/kg	0.0018 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	3.8 mg/kg		3.8 mg/kg	0.00038 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				24 mg/kg		24 mg/kg	0.0024 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0121 %		

Key

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

Classification of sample: WS75 - 1

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

Sample details

Sample Name:	LoW Code:
WS75 - 1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:
0.35 m	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-581-5	85-01-8								
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-371-1	120-12-7								
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-912-4	206-44-0								
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-927-3	129-00-0								
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				9.9 mg/kg		9.9 mg/kg	0.00099 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				23 mg/kg		23 mg/kg	0.0023 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				24 mg/kg	1.74	41.755 mg/kg	0.00418 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	21 mg/kg		21 mg/kg	0.0021 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	20 mg/kg		20 mg/kg	0.002 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				34 mg/kg		34 mg/kg	0.0034 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0176 %		

Key

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

Classification of sample: WS75 - 2

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

Sample details

Sample Name:	LoW Code:
WS75 - 2	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
2.5 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				7 mg/kg		7 mg/kg	0.0007 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				30 mg/kg		30 mg/kg	0.003 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				18 mg/kg	1.74	31.316 mg/kg	0.00313 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6 mg/kg		6 mg/kg	0.0006 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	8 mg/kg		8 mg/kg	0.0008 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				25 mg/kg		25 mg/kg	0.0025 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0134 %		

Key

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

Classification of sample: WS76a

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

Sample details

Sample Name:	LoW Code:
WS76a	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				0.26	mg/kg		0.26	mg/kg	0.000026 %		
		205-912-4	206-44-0									
10	pyrene				0.33	mg/kg		0.33	mg/kg	0.000033 %		
		204-927-3	129-00-0									
11	benzo[a]anthracene				0.18	mg/kg		0.18	mg/kg	0.000018 %		
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				0.18	mg/kg		0.18	mg/kg	0.000018 %		
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				8.9 mg/kg		8.9 mg/kg	0.00089 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				17 mg/kg		17 mg/kg	0.0017 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				34 mg/kg	1.74	59.153 mg/kg	0.00592 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	22 mg/kg		22 mg/kg	0.0022 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	16 mg/kg		16 mg/kg	0.0016 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				84 mg/kg		84 mg/kg	0.0084 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0234 %		

Key

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

Classification of sample: WS77

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

Sample details

Sample Name:	LoW Code:	
WS77	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.4 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				1.6 mg/kg		1.6 mg/kg	0.00016 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				4.2 mg/kg		4.2 mg/kg	0.00042 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				13 mg/kg	1.74	22.617 mg/kg	0.00226 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	2.7 mg/kg		2.7 mg/kg	0.00027 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	1.3 mg/kg		1.3 mg/kg	0.00013 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				10 mg/kg		10 mg/kg	0.001 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				16 mg/kg		16 mg/kg	0.0016 %		
			TPH							
Total:								0.00648 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is the hazardous waste threshold for non-diesel TPH's

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0016%)

Classification of sample: WS77 - 1

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

Sample details

Sample Name:	LoW Code:	
WS77 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				13 mg/kg		13 mg/kg	0.0013 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				29 mg/kg		29 mg/kg	0.0029 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				15 mg/kg	1.74	26.097 mg/kg	0.00261 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6.9 mg/kg		6.9 mg/kg	0.00069 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	8.8 mg/kg		8.8 mg/kg	0.00088 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				33 mg/kg		33 mg/kg	0.0033 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.0143 %		

Key

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

Classification of sample: WS78

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

Sample details

Sample Name:	LoW Code:	
WS78	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				7.8 mg/kg		7.8 mg/kg	0.00078 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				20 mg/kg		20 mg/kg	0.002 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				12 mg/kg	1.74	20.878 mg/kg	0.00209 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	16 mg/kg		16 mg/kg	0.0016 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	4.9 mg/kg		4.9 mg/kg	0.00049 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				23 mg/kg		23 mg/kg	0.0023 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.0119 %		

Key

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

Classification of sample: WS78 - 1

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

Sample details

Sample Name:	LoW Code:	
WS78 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				8.2 mg/kg		8.2 mg/kg	0.00082 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				48 mg/kg		48 mg/kg	0.0048 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				12 mg/kg	1.74	20.878 mg/kg	0.00209 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	7.7 mg/kg		7.7 mg/kg	0.00077 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	14 mg/kg		14 mg/kg	0.0014 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				37 mg/kg		37 mg/kg	0.0037 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.0163 %		

Key

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

Classification of sample: WS79

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

Sample details

Sample Name:	LoW Code:	
WS79	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

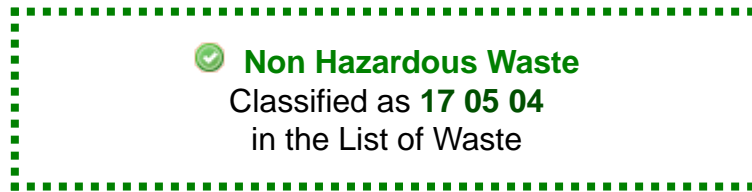
#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				0.32 mg/kg		0.32 mg/kg	0.000032 %		
		205-912-4	206-44-0							
10	pyrene				0.51 mg/kg		0.51 mg/kg	0.000051 %		
		204-927-3	129-00-0							
11	benzo[a]anthracene				0.19 mg/kg		0.19 mg/kg	0.000019 %		
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				0.18 mg/kg		0.18 mg/kg	0.000018 %		
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				4.2 mg/kg		4.2 mg/kg	0.00042 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				12 mg/kg		12 mg/kg	0.0012 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				11 mg/kg	1.74	19.138 mg/kg	0.00191 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	11 mg/kg		11 mg/kg	0.0011 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	3.7 mg/kg		3.7 mg/kg	0.00037 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				22 mg/kg		22 mg/kg	0.0022 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.00994 %		

Key

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

Classification of sample: WS79 - 1



Sample details

Sample Name:	LoW Code:	
WS79 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				9 mg/kg		9 mg/kg	0.0009 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				27 mg/kg		27 mg/kg	0.0027 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				12 mg/kg	1.74	20.878 mg/kg	0.00209 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	11 mg/kg		11 mg/kg	0.0011 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	7 mg/kg		7 mg/kg	0.0007 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				29 mg/kg		29 mg/kg	0.0029 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.013 %		

Key

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

Appendix A: Classifier defined and non CLP determinands

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

CLP index number: 006-007-00-5

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

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

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

Reason for additional Hazards Statement(s):

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

- **monohydric phenols** (CAS Number: P1186)

Description/Comments: Combined hazards statements from harmonised entries in CLP for phenol, cresols and xylenols (604-001-00-2, 604-004-00-9, 604-006-00-X)

Data source: CLP combined data

Data source date: 26 Mar 2019

Hazard Statements: Acute Tox. 3 H301 , Acute Tox. 3 H311 , Acute Tox. 3 H331 , Skin Corr. 1B H314 , Skin Corr. 1B H314 >= 3 % , Skin Irrit. 2 H315 1 £ conc. < 3 % , Eye Irrit. 2 H319 1 £ conc. < 3 % , Muta. 2 H341 , STOT RE 2 H373 , Aquatic Chronic 2 H411

- **acenaphthylene** (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

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

- **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

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

CLP index number: 033-001-00-X
Description/Comments: Worst Case: IARC considers arsenic Group 1; Carcinogenic to humans
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

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

CLP index number: 048-001-00-5
Description/Comments: Worst Case: IARC considers cadmium compounds Group 1; Carcinogenic to humans
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

• **chromium(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 (worst case)**

CLP index number: 082-001-00-6
Description/Comments: Worst Case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following CLP protocols, considers lead compounds from smelting industries, flue dust and similar to be Carcinogenic category 1A
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html (worst case lead compounds). Review date 29/09/2015

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

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

• **confirm TPH has NOT arisen from diesel or petrol**

Description/Comments: Chapter 3, section 4b requires a positive confirmation for benzo[a]pyrene to be used as a marker in evaluating Carc. 1B; H350 (HP 7) and Muta. 1B; H340 (HP 11)
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

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

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , STOT RE 2 H373 , Muta. 1B H340 , Carc. 1B H350 , Repr. 2 H361d , Aquatic Chronic 2 H411

Appendix B: Rationale for selection of metal species

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}

default species setting as total cyanide recorded

arsenic {arsenic}

default setting as general arsenic analysis by the lab

copper {copper(II) carbonate – copper(II) hydroxide (1:1)}

With site specific possible source this species covers most usages.

mercury {mercury}

General mercury as laboratories generally report the elemental mercury rather than the inorganic

nickel {nickel}

As no details as to the nickel tested or past usages of the site the general nickel has been used for the assessment

zinc {zinc powder - zinc dust (stabilised)}

Covers most of the possible likely sources of zinc within the soils

Appendix C: Version

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

HazWasteOnline Classification Engine Version: 2021.22.4616.8916 (22 Jan 2021)

HazWasteOnline Database: 2021.22.4616.8916 (22 Jan 2021)

This classification utilises the following guidance and legislation:

WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Regulations 2019 - UK: 2019 No. 720 of 27th March 2019

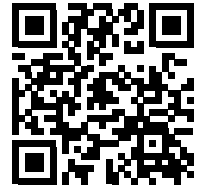
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit)

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

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

POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report



JJWAF-JDVMZ-FR9XJ

Job name

Batch 2 - i2 report 21-50812 with quants

Description/Comments

Project

Paragon

Site

Longcross

Related Documents

#	Name	Description
1	Classification Report-Batch 2 - i2 report 21-50812.pdf	Classification for Job: Batch 2 - i2 report 21-50812

Waste Stream Template

Paragon Homes

Classified by

Name: Richard Blaney	Company: Forge Environmental Management Ltd The Forge, Lower Vagg Chilthorne Domer Yeovil BA21 3PY	HazWasteOnline™ Training Record:
Date: 01 Feb 2021 08:39 GMT		Course
Telephone: 01935 840 346		Hazardous Waste Classification -
		Advanced Hazardous Waste Classification -

Report

Created by: Richard Blaney
Created date: 01 Feb 2021 08:39 GMT


Job summary

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
1	WS72	0.5	Non Hazardous		3
2	WS72 - 1	1.2	Non Hazardous		6
3	WS72 - 2	1.6	Non Hazardous		9
4	WS66	0.2	Hazardous	HP 3(i), HP 7, HP 11	12
5	WS66 - 1	0.6	Non Hazardous		15
6	WS67	1.0	Non Hazardous		17
7	WS67 - 1	0.5	Non Hazardous		20
8	WS65	0.5	Non Hazardous		23
9	WS65 - 1	1.6	Non Hazardous		25
10	WS56	0.3	Non Hazardous		27
11	WS56 - 1	1.2	Non Hazardous		30
12	WS46	0.1	Non Hazardous		32
13	WS46 - 1	0.6	Non Hazardous		35
14	WS36	0.2	Non Hazardous		37
15	WS36 - 1	0.75	Non Hazardous		40
16	WS30	0.1	Non Hazardous		

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
17	WS30 - 1	0.8	Non Hazardous		44
18	WS08	0.1	Non Hazardous		46
19	WS08 - 1	0.5	Non Hazardous		49
20	WS68	0.15	Hazardous	HP 3(i), HP 7, HP 11	51
21	WS68 - 1	0.5	Non Hazardous		54
22	WS64	0.2	Hazardous	HP 5, HP 7	56
23	WS63	0.3	Non Hazardous		59
24	WS63 - 1	0.6	Non Hazardous		62
25	WS62	0.2	Non Hazardous		64
26	WS62 - 1	0.5	Non Hazardous		67
27	WS49	0.15	Non Hazardous		69
28	WS49 - 1	0.5	Non Hazardous		71
29	WS48	0.2	Non Hazardous		73
30	WS48 - 1	0.5	Non Hazardous		75
31	WS55	0.15	Non Hazardous		77
32	WS55 - 1	0.5	Non Hazardous		79
33	WS57	0.15	Non Hazardous		81
34	WS57 - 1	0.5	Non Hazardous		84

Appendices	Page
Appendix A: Classifier defined and non CLP determinands	86
Appendix B: Rationale for selection of metal species	87
Appendix C: Version	88

Classification of sample: WS72



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

Sample details

Sample Name:	LoW Code:	
WS72	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

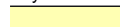



Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	asbestos				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5							
2	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
3	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
4	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
5	acenaphthylene				0.33 mg/kg		0.33 mg/kg	0.000033 %		
		205-917-1	208-96-8							
6	acenaphthene				0.61 mg/kg		0.61 mg/kg	0.000061 %		
		201-469-6	83-32-9							
7	fluorene				0.52 mg/kg		0.52 mg/kg	0.000052 %		
		201-695-5	86-73-7							
8	phenanthrene				6.5 mg/kg		6.5 mg/kg	0.00065 %		
		201-581-5	85-01-8							
9	anthracene				2.1 mg/kg		2.1 mg/kg	0.00021 %		
		204-371-1	120-12-7							
10	fluoranthene				12 mg/kg		12 mg/kg	0.0012 %		
		205-912-4	206-44-0							
11	pyrene				10 mg/kg		10 mg/kg	0.001 %		
		204-927-3	129-00-0							
12	benzo[a]anthracene				7.5 mg/kg		7.5 mg/kg	0.00075 %		
	601-033-00-9	200-280-6	56-55-3							
13	chrysene				4.6 mg/kg		4.6 mg/kg	0.00046 %		
	601-048-00-0	205-923-4	218-01-9							
14	benzo[b]fluoranthene				6.6 mg/kg		6.6 mg/kg	0.00066 %		
	601-034-00-4	205-911-9	205-99-2							
15	benzo[k]fluoranthene				2.7 mg/kg		2.7 mg/kg	0.00027 %		
	601-036-00-5	205-916-6	207-08-9							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
16	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 200-028-5 50-32-8				5.9 mg/kg		5.9 mg/kg	0.00059 %			
17	indeno[123-cd]pyrene 205-893-2 193-39-5				3.2 mg/kg		3.2 mg/kg	0.00032 %			
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				0.8 mg/kg		0.8 mg/kg	0.00008 %			
19	benzo[ghi]perylene 205-883-8 191-24-2				3.9 mg/kg		3.9 mg/kg	0.00039 %			
20	arsenic { arsenic } 033-001-00-X 231-148-6 7440-38-2				9.6 mg/kg		9.6 mg/kg	0.00096 %			
21	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex 048-001-00-5			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
22	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex 024-017-00-8				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
23	chromium(III) oxide (worst case) 215-160-9 1308-38-9				22 mg/kg		22 mg/kg	0.0022 %			
24	copper { copper(II) carbonate – copper(II) hydroxide (1:1) } 029-020-00-8 235-113-6 12069-69-1				17 mg/kg	1.74	29.576 mg/kg	0.00296 %			
25	lead compounds with the exception of those specified elsewhere in this Annex (worst case) 082-001-00-6			1	100 mg/kg		100 mg/kg	0.01 %			
26	mercury { mercury } 080-001-00-0 231-106-7 7439-97-6				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
27	nickel { nickel } 028-002-00-7 231-111-4 7440-02-0			7	20 mg/kg		20 mg/kg	0.002 %			
28	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex 034-002-00-8				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
29	zinc { zinc powder - zinc dust (stabilised) } 030-001-01-9 231-175-3 7440-66-6				49 mg/kg		49 mg/kg	0.0049 %			
30	benzene 601-020-00-8 200-753-7 71-43-2				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
31	toluene 601-021-00-3 203-625-9 108-88-3				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
32	ethylbenzene 601-023-00-4 202-849-4 100-41-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
33	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] 601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] 203-576-3 [3] 108-38-3 [3] 215-535-7 [4] 1330-20-7 [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD	
34	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X 216-653-1 1634-04-4				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
35	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
36	TPH (C6 to C40) petroleum group TPH				320 mg/kg		320 mg/kg	0.032 %			
Total:									0.0633 %		

Key

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

CLP: Note 1 Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because !000mg/kg is hazardous waste threshold for none diesel TPH's

Hazard Statements hit:

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

Because of determinand:

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

Classification of sample: WS72 - 1

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

Sample details

Sample Name:	LoW Code:
WS72 - 1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:
1.2 m	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
		201-581-5	85-01-8									
8	anthracene				0.27	mg/kg		0.27	mg/kg	0.000027 %		
		204-371-1	120-12-7									
9	fluoranthene				1.9	mg/kg		1.9	mg/kg	0.00019 %		
		205-912-4	206-44-0									
10	pyrene				1.6	mg/kg		1.6	mg/kg	0.00016 %		
		204-927-3	129-00-0									
11	benzo[a]anthracene				0.97	mg/kg		0.97	mg/kg	0.000097 %		
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				0.86	mg/kg		0.86	mg/kg	0.000086 %		
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				0.91	mg/kg		0.91	mg/kg	0.000091 %		
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				0.54	mg/kg		0.54	mg/kg	0.000054 %		
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				0.6 mg/kg		0.6 mg/kg	0.00006 %		
		205-883-8	191-24-2							
19	arsenic { arsenic }				14 mg/kg		14 mg/kg	0.0014 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				13 mg/kg		13 mg/kg	0.0013 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				12 mg/kg	1.74	20.878 mg/kg	0.00209 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	40 mg/kg		40 mg/kg	0.004 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	12 mg/kg		12 mg/kg	0.0012 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				78 mg/kg		78 mg/kg	0.0078 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				65 mg/kg		65 mg/kg	0.0065 %		
			TPH							
Total:								0.0259 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is hazardous waste threshold for none diesel TPH's

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0065%)

Classification of sample: WS72 - 2

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

Sample details

Sample Name:	LoW Code:	
WS72 - 2	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.6 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				0.67 mg/kg		0.67 mg/kg	0.000067 %		
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				1.3 mg/kg		1.3 mg/kg	0.00013 %		
		205-912-4	206-44-0							
10	pyrene				1.1 mg/kg		1.1 mg/kg	0.00011 %		
		204-927-3	129-00-0							
11	benzo[a]anthracene				0.89 mg/kg		0.89 mg/kg	0.000089 %		
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				0.49 mg/kg		0.49 mg/kg	0.000049 %		
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				0.8 mg/kg		0.8 mg/kg	0.00008 %		
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				0.23 mg/kg		0.23 mg/kg	0.000023 %		
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				0.65 mg/kg		0.65 mg/kg	0.000065 %		
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				0.39 mg/kg		0.39 mg/kg	0.000039 %		
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				0.47 mg/kg		0.47 mg/kg	0.000047 %			
		205-883-8	191-24-2								
19	arsenic { arsenic }				6.2 mg/kg		6.2 mg/kg	0.00062 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				27 mg/kg		27 mg/kg	0.0027 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				4.5 mg/kg	1.74	7.829 mg/kg	0.000783 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6.6 mg/kg		6.6 mg/kg	0.00066 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	6.4 mg/kg		6.4 mg/kg	0.00064 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				17 mg/kg		17 mg/kg	0.0017 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				44 mg/kg		44 mg/kg	0.0044 %			
			TPH								
								Total:	0.0128 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is hazardous waste threshold for none diesel TPH's


Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0044%)

Classification of sample: WS66



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

Sample details

Sample Name: WS66	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.2 m	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 !000mg/kg is hazardous waste threshold for none diesel TPH's

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.127%)

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.: 0.127%)

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.: 0.127%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				0.62	mg/kg		0.62	mg/kg	0.000062 %		
		205-917-1	208-96-8									
5	acenaphthene				6.7	mg/kg		6.7	mg/kg	0.00067 %		
		201-469-6	83-32-9									


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
6	fluorene	201-695-5	86-73-7		5.8 mg/kg		5.8 mg/kg	0.00058 %		
7	phenanthrene	201-581-5	85-01-8		45 mg/kg		45 mg/kg	0.0045 %		
8	anthracene	204-371-1	120-12-7		16 mg/kg		16 mg/kg	0.0016 %		
9	fluoranthene	205-912-4	206-44-0		69 mg/kg		69 mg/kg	0.0069 %		
10	pyrene	204-927-3	129-00-0		63 mg/kg		63 mg/kg	0.0063 %		
11	benzo[a]anthracene	601-033-00-9	200-280-6		42 mg/kg		42 mg/kg	0.0042 %		
12	chrysene	601-048-00-0	205-923-4		27 mg/kg		27 mg/kg	0.0027 %		
13	benzo[b]fluoranthene	601-034-00-4	205-911-9		39 mg/kg		39 mg/kg	0.0039 %		
14	benzo[k]fluoranthene	601-036-00-5	205-916-6		13 mg/kg		13 mg/kg	0.0013 %		
15	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		36 mg/kg		36 mg/kg	0.0036 %		
16	indeno[123-cd]pyrene	205-893-2	193-39-5		18 mg/kg		18 mg/kg	0.0018 %		
17	dibenz[a,h]anthracene	601-041-00-2	200-181-8		4.2 mg/kg		4.2 mg/kg	0.00042 %		
18	benzo[ghi]perylene	205-883-8	191-24-2		20 mg/kg		20 mg/kg	0.002 %		
19	arsenic { arsenic }	033-001-00-X	231-148-6		6.3 mg/kg		6.3 mg/kg	0.00063 %		
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5		1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex	024-017-00-8			<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
22	chromium(III) oxide (worst case)	215-160-9	1308-38-9		17 mg/kg		17 mg/kg	0.0017 %		
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }	029-020-00-8	235-113-6		10 mg/kg	1.74	17.398 mg/kg	0.00174 %		
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)	082-001-00-6		1	100 mg/kg		100 mg/kg	0.01 %		
25	mercury { mercury }	080-001-00-0	231-106-7		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
26	nickel { nickel }	028-002-00-7	231-111-4		8.2 mg/kg		8.2 mg/kg	0.00082 %		
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex	034-002-00-8			<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
28	zinc { zinc powder - zinc dust (stabilised) }	030-001-01-9	231-175-3		74 mg/kg		74 mg/kg	0.0074 %		
29	benzene	601-020-00-8	200-753-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
30	toluene	601-021-00-3	203-625-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
31	ethylbenzene	601-023-00-4	202-849-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
		203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]							
33		tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane			<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
34		confirm TPH has NOT arisen from diesel or petrol			<input checked="" type="checkbox"/>					
35		TPH (C6 to C40) petroleum group			1270 mg/kg		1270 mg/kg	0.127 %		
			TPH							
Total:								0.19 %		

Key

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

Classification of sample: WS66 - 1

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

Sample details

Sample Name:	LoW Code:	
WS66 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.6 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				0.2 mg/kg		0.2 mg/kg	0.00002 %		
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				0.36 mg/kg		0.36 mg/kg	0.000036 %		
		205-912-4	206-44-0							
10	pyrene				0.33 mg/kg		0.33 mg/kg	0.000033 %		
		204-927-3	129-00-0							
11	benzo[a]anthracene				0.2 mg/kg		0.2 mg/kg	0.00002 %		
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				0.15 mg/kg		0.15 mg/kg	0.000015 %		
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				0.2 mg/kg		0.2 mg/kg	0.00002 %		
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				0.05 mg/kg		0.05 mg/kg	0.000005 %		
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				5 mg/kg		5 mg/kg	0.0005 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				14 mg/kg		14 mg/kg	0.0014 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				3.4 mg/kg	1.74	5.915 mg/kg	0.000592 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	5.9 mg/kg		5.9 mg/kg	0.00059 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	3.8 mg/kg		3.8 mg/kg	0.00038 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				12 mg/kg		12 mg/kg	0.0012 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.00742 %		

Key

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

Classification of sample: WS67

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

Sample details

Sample Name:	LoW Code:	
WS67	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.0 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				1.1 mg/kg		1.1 mg/kg	0.00011 %		
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				0.37 mg/kg		0.37 mg/kg	0.000037 %		
		205-917-1	208-96-8							
5	acenaphthene				5 mg/kg		5 mg/kg	0.0005 %		
		201-469-6	83-32-9							
6	fluorene				3.7 mg/kg		3.7 mg/kg	0.00037 %		
		201-695-5	86-73-7							
7	phenanthrene				31 mg/kg		31 mg/kg	0.0031 %		
		201-581-5	85-01-8							
8	anthracene				10 mg/kg		10 mg/kg	0.001 %		
		204-371-1	120-12-7							
9	fluoranthene				48 mg/kg		48 mg/kg	0.0048 %		
		205-912-4	206-44-0							
10	pyrene				40 mg/kg		40 mg/kg	0.004 %		
		204-927-3	129-00-0							
11	benzo[a]anthracene				27 mg/kg		27 mg/kg	0.0027 %		
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				15 mg/kg		15 mg/kg	0.0015 %		
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				21 mg/kg		21 mg/kg	0.0021 %		
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				8.7 mg/kg		8.7 mg/kg	0.00087 %		
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				20 mg/kg		20 mg/kg	0.002 %		
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				9.6 mg/kg		9.6 mg/kg	0.00096 %		
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				2.5 mg/kg		2.5 mg/kg	0.00025 %		
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
18	benzo[ghi]perylene				11	mg/kg		11	mg/kg	0.0011 %		
		205-883-8	191-24-2									
19	arsenic { arsenic }				5.3	mg/kg		5.3	mg/kg	0.00053 %		
	033-001-00-X	231-148-6	7440-38-2									
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
	048-001-00-5											
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2	mg/kg		<1.2	mg/kg	<0.00012 %		<LOD
	024-017-00-8											
22	chromium(III) oxide (worst case)				14	mg/kg		14	mg/kg	0.0014 %		
		215-160-9	1308-38-9									
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				5.6	mg/kg	1.74	9.743	mg/kg	0.000974 %		
	029-020-00-8	235-113-6	12069-69-1									
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6.5	mg/kg		6.5	mg/kg	0.00065 %		
	082-001-00-6											
25	mercury { mercury }				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6									
26	nickel { nickel }			7	6.9	mg/kg		6.9	mg/kg	0.00069 %		
	028-002-00-7	231-111-4	7440-02-0									
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
	034-002-00-8											
28	zinc { zinc powder - zinc dust (stabilised) }				18	mg/kg		18	mg/kg	0.0018 %		
	030-001-01-9	231-175-3	7440-66-6									
29	benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
30	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
31	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<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]									
33	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									
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
35	TPH (C6 to C40) petroleum group				620	mg/kg		620	mg/kg	0.062 %		
			TPH									
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD Below limit of detection
- ND Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because !000mg/kg is hazardous waste threshold for none diesel TPH's

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.062%)

Classification of sample: WS67 - 1

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

Sample details

Sample Name:	LoW Code:	
WS67 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				6.4 mg/kg		6.4 mg/kg	0.00064 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				15 mg/kg		15 mg/kg	0.0015 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				6.9 mg/kg	1.74	12.005 mg/kg	0.0012 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	7.4 mg/kg		7.4 mg/kg	0.00074 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	3.7 mg/kg		3.7 mg/kg	0.00037 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				12 mg/kg		12 mg/kg	0.0012 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				110 mg/kg		110 mg/kg	0.011 %		
			TPH							
Total:								0.0173 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is hazardous waste threshold for none diesel TPH's

Hazard Statements hit:

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

Because of determinand:

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

Classification of sample: WS65

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

Sample details

Sample Name:	LoW Code:	
WS65	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				0.31 mg/kg		0.31 mg/kg	0.000031 %		
		205-912-4	206-44-0							
10	pyrene				0.26 mg/kg		0.26 mg/kg	0.000026 %		
		204-927-3	129-00-0							
11	benzo[a]anthracene				0.33 mg/kg		0.33 mg/kg	0.000033 %		
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				0.19 mg/kg		0.19 mg/kg	0.000019 %		
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				0.41 mg/kg		0.41 mg/kg	0.000041 %		
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				0.12 mg/kg		0.12 mg/kg	0.000012 %		
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				0.29 mg/kg		0.29 mg/kg	0.000029 %		
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				0.24 mg/kg		0.24 mg/kg	0.000024 %		
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				0.36 mg/kg		0.36 mg/kg	0.000036 %		
		205-883-8	191-24-2							
19	arsenic { arsenic }				15 mg/kg		15 mg/kg	0.0015 %		
		033-001-00-X	231-148-6							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
		048-001-00-5								
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
		024-017-00-8								
22	chromium(III) oxide (worst case)				19 mg/kg		19 mg/kg	0.0019 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				51 mg/kg	1.74	88.729 mg/kg	0.00887 %		
		029-020-00-8	235-113-6							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	50 mg/kg		50 mg/kg	0.005 %		
		082-001-00-6								
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
		080-001-00-0	231-106-7							
26	nickel { nickel }			7	31 mg/kg		31 mg/kg	0.0031 %		
		028-002-00-7	231-111-4							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
		034-002-00-8								
28	zinc { zinc powder - zinc dust (stabilised) }				58 mg/kg		58 mg/kg	0.0058 %		
		030-001-01-9	231-175-3							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.029 %		

Key

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

Classification of sample: WS65 - 1

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

Sample details

Sample Name:	LoW Code:	
WS65 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.6 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				9.6 mg/kg		9.6 mg/kg	0.00096 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				26 mg/kg		26 mg/kg	0.0026 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				4.3 mg/kg	1.74	7.481 mg/kg	0.000748 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6.5 mg/kg		6.5 mg/kg	0.00065 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	6.3 mg/kg		6.3 mg/kg	0.00063 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				16 mg/kg		16 mg/kg	0.0016 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.00983 %		

Key

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

Classification of sample: WS56

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

Sample details

Sample Name:	LoW Code:	
WS56	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.3 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-883-8	191-24-2								
19	arsenic { arsenic }				10 mg/kg		10 mg/kg	0.001 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	0.4 mg/kg		0.4 mg/kg	0.00004 %			
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %			<LOD
	024-017-00-8										
22	chromium(III) oxide (worst case)				19 mg/kg		19 mg/kg	0.0019 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				39 mg/kg	1.74	67.852 mg/kg	0.00679 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	32 mg/kg		32 mg/kg	0.0032 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	40 mg/kg		40 mg/kg	0.004 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				55 mg/kg		55 mg/kg	0.0055 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				192 mg/kg		192 mg/kg	0.0192 %			
			TPH								
								Total:	0.0422 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because !000mg/kg is hazardous waste threshold for none diesel TPH's

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0192%)

Classification of sample: WS56 - 1

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

Sample details

Sample Name:	LoW Code:	
WS56 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.2 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-581-5	85-01-8								
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-371-1	120-12-7								
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-912-4	206-44-0								
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-927-3	129-00-0								
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				5.3 mg/kg		5.3 mg/kg	0.00053 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				20 mg/kg		20 mg/kg	0.002 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				8.3 mg/kg	1.74	14.44 mg/kg	0.00144 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	5 mg/kg		5 mg/kg	0.0005 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	3.4 mg/kg		3.4 mg/kg	0.00034 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				9.5 mg/kg		9.5 mg/kg	0.00095 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0084 %		

Key

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

Classification of sample: WS46

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

Sample details

Sample Name:	LoW Code:
WS46	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.1 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-581-5	85-01-8								
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-371-1	120-12-7								
9	fluoranthene				0.29 mg/kg		0.29 mg/kg	0.000029 %			
		205-912-4	206-44-0								
10	pyrene				0.33 mg/kg		0.33 mg/kg	0.000033 %			
		204-927-3	129-00-0								
11	benzo[a]anthracene				0.31 mg/kg		0.31 mg/kg	0.000031 %			
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				0.24 mg/kg		0.24 mg/kg	0.000024 %			
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				0.36 mg/kg		0.36 mg/kg	0.000036 %			
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				0.17 mg/kg		0.17 mg/kg	0.000017 %			
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				0.22 mg/kg		0.22 mg/kg	0.000022 %			
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				0.22 mg/kg		0.22 mg/kg	0.000022 %			
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				0.33 mg/kg		0.33 mg/kg	0.000033 %		
		205-883-8	191-24-2							
19	arsenic { arsenic }				10 mg/kg		10 mg/kg	0.001 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				23 mg/kg		23 mg/kg	0.0023 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				29 mg/kg	1.74	50.454 mg/kg	0.00505 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	76 mg/kg		76 mg/kg	0.0076 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	19 mg/kg		19 mg/kg	0.0019 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				63 mg/kg		63 mg/kg	0.0063 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				330 mg/kg		330 mg/kg	0.033 %		
			TPH							
Total:								0.058 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is hazardous waste threshold for none diesel TPH's

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.033%)

Classification of sample: WS46 - 1

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

Sample details

Sample Name:	LoW Code:	
WS46 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.6 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				5.5 mg/kg		5.5 mg/kg	0.00055 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				19 mg/kg		19 mg/kg	0.0019 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				6.9 mg/kg	1.74	12.005 mg/kg	0.0012 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	5.7 mg/kg		5.7 mg/kg	0.00057 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	3.3 mg/kg		3.3 mg/kg	0.00033 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				8.4 mg/kg		8.4 mg/kg	0.00084 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.00803 %		

Key

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

Classification of sample: WS36

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

Sample details

Sample Name:	LoW Code:	
WS36	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				12 mg/kg		12 mg/kg	0.0012 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				17 mg/kg		17 mg/kg	0.0017 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				22 mg/kg	1.74	38.275 mg/kg	0.00383 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	25 mg/kg		25 mg/kg	0.0025 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	18 mg/kg		18 mg/kg	0.0018 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				29 mg/kg		29 mg/kg	0.0029 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				420 mg/kg		420 mg/kg	0.042 %			
			TPH								
								Total:	0.0566 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is hazardous waste threshold for none diesel TPH's

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.042%)

Classification of sample: WS36 - 1

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

Sample details

Sample Name:	LoW Code:	
WS36 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.75 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7								
7	phenanthrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8								
8	anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7								
9	fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0								
10	pyrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0								
11	benzo[a]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				4 mg/kg		4 mg/kg	0.0004 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				12 mg/kg		12 mg/kg	0.0012 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				5.4 mg/kg	1.74	9.395 mg/kg	0.000939 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6.7 mg/kg		6.7 mg/kg	0.00067 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	2.5 mg/kg		2.5 mg/kg	0.00025 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				5.9 mg/kg		5.9 mg/kg	0.00059 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.00669 %		

Key

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

Classification of sample: WS30

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

Sample details

Sample Name:	LoW Code:	
WS30	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.1 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				11 mg/kg		11 mg/kg	0.0011 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				27 mg/kg		27 mg/kg	0.0027 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				13 mg/kg	1.74	22.617 mg/kg	0.00226 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	9.8 mg/kg		9.8 mg/kg	0.00098 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	17 mg/kg		17 mg/kg	0.0017 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				25 mg/kg		25 mg/kg	0.0025 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0139 %		

Key

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

Classification of sample: WS30 - 1

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

Sample details

Sample Name:	LoW Code:	
WS30 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.8 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-581-5	85-01-8								
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-371-1	120-12-7								
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-912-4	206-44-0								
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-927-3	129-00-0								
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				5.3 mg/kg		5.3 mg/kg	0.00053 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				12 mg/kg		12 mg/kg	0.0012 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				4.8 mg/kg	1.74	8.351 mg/kg	0.000835 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6 mg/kg		6 mg/kg	0.0006 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	2.7 mg/kg		2.7 mg/kg	0.00027 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				8.7 mg/kg		8.7 mg/kg	0.00087 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.00694 %		

Key

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

Classification of sample: WS08

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

Sample details

Sample Name:	LoW Code:	
WS08	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.1 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				5.4 mg/kg		5.4 mg/kg	0.00054 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				17 mg/kg		17 mg/kg	0.0017 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				8.3 mg/kg	1.74	14.44 mg/kg	0.00144 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	13 mg/kg		13 mg/kg	0.0013 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	7.5 mg/kg		7.5 mg/kg	0.00075 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				49 mg/kg		49 mg/kg	0.0049 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				61 mg/kg		61 mg/kg	0.0061 %		
			TPH							
								Total:	0.0174 %	

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is hazardous waste threshold for none diesel TPH's

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0061%)

Classification of sample: WS08 - 1

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

Sample details

Sample Name:	LoW Code:	
WS08 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				0.55 mg/kg		0.55 mg/kg	0.000055 %		
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				0.79 mg/kg		0.79 mg/kg	0.000079 %		
		205-912-4	206-44-0							
10	pyrene				0.64 mg/kg		0.64 mg/kg	0.000064 %		
		204-927-3	129-00-0							
11	benzo[a]anthracene				0.47 mg/kg		0.47 mg/kg	0.000047 %		
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				0.28 mg/kg		0.28 mg/kg	0.000028 %		
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				0.39 mg/kg		0.39 mg/kg	0.000039 %		
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				0.13 mg/kg		0.13 mg/kg	0.000013 %		
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				0.29 mg/kg		0.29 mg/kg	0.000029 %		
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				3.5 mg/kg		3.5 mg/kg	0.00035 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				13 mg/kg		13 mg/kg	0.0013 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				4.7 mg/kg	1.74	8.177 mg/kg	0.000818 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	5 mg/kg		5 mg/kg	0.0005 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	3.1 mg/kg		3.1 mg/kg	0.00031 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				9.7 mg/kg		9.7 mg/kg	0.00097 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.0072 %		

Key

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

Classification of sample: WS68



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

Sample details

Sample Name: WS68	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth: 0.15 m	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 1000mg/kg is hazardous waste threshold for none diesel TPH's

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.154%)

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.: 0.154%)

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.: 0.154%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				0.29	mg/kg		0.29	mg/kg	0.000029 %		
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				0.98	mg/kg		0.98	mg/kg	0.000098 %		
		205-917-1	208-96-8									
5	acenaphthene				9.8	mg/kg		9.8	mg/kg	0.00098 %		
		201-469-6	83-32-9									


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
6	fluorene	201-695-5	86-73-7		7.2 mg/kg		7.2 mg/kg	0.00072 %			
7	phenanthrene	201-581-5	85-01-8		65 mg/kg		65 mg/kg	0.0065 %			
8	anthracene	204-371-1	120-12-7		19 mg/kg		19 mg/kg	0.0019 %			
9	fluoranthene	205-912-4	206-44-0		78 mg/kg		78 mg/kg	0.0078 %			
10	pyrene	204-927-3	129-00-0		60 mg/kg		60 mg/kg	0.006 %			
11	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	37 mg/kg		37 mg/kg	0.0037 %			
12	chrysene	601-048-00-0	205-923-4	218-01-9	25 mg/kg		25 mg/kg	0.0025 %			
13	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	34 mg/kg		34 mg/kg	0.0034 %			
14	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	6.1 mg/kg		6.1 mg/kg	0.00061 %			
15	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	24 mg/kg		24 mg/kg	0.0024 %			
16	indeno[123-cd]pyrene	205-893-2	193-39-5		11 mg/kg		11 mg/kg	0.0011 %			
17	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	3.1 mg/kg		3.1 mg/kg	0.00031 %			
18	benzo[ghi]perylene	205-883-8	191-24-2		12 mg/kg		12 mg/kg	0.0012 %			
19	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2	6.9 mg/kg		6.9 mg/kg	0.00069 %			
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex	024-017-00-8			<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
22	chromium(III) oxide (worst case)	215-160-9	1308-38-9		14 mg/kg		14 mg/kg	0.0014 %			
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }	029-020-00-8	235-113-6	12069-69-1	6.8 mg/kg	1.74	11.831 mg/kg	0.00118 %			
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)	082-001-00-6			86 mg/kg		86 mg/kg	0.0086 %			
25	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6	<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
26	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	6.9 mg/kg		6.9 mg/kg	0.00069 %			
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex	034-002-00-8			<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
28	zinc { zinc powder - zinc dust (stabilised) }	030-001-01-9	231-175-3	7440-66-6	37 mg/kg		37 mg/kg	0.0037 %			
29	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
30	toluene	601-021-00-3	203-625-9	108-88-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
31	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2]	95-47-6 [1] 106-42-3 [2]	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD	

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
		203-576-3 [3] 215-535-7 [4]	108-38-3 [3] 1330-20-7 [4]							
33		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							
34		confirm TPH has NOT arisen from diesel or petrol			<input checked="" type="checkbox"/>					
35		TPH (C6 to C40) petroleum group			1540 mg/kg		1540 mg/kg	0.154 %		
			TPH							
Total:								0.21 %		

Key

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

Classification of sample: WS68 - 1

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

Sample details

Sample Name:	LoW Code:
WS68 - 1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				5.7 mg/kg		5.7 mg/kg	0.00057 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				10 mg/kg		10 mg/kg	0.001 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				4.1 mg/kg	1.74	7.133 mg/kg	0.000713 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	16 mg/kg		16 mg/kg	0.0016 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	2 mg/kg		2 mg/kg	0.0002 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				9.1 mg/kg		9.1 mg/kg	0.00091 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.00763 %		

Key

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

Classification of sample: WS64

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

Sample details

Sample Name:	LoW Code:
WS64	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
0.2 m	

Hazard properties

HP 5: Specific Target Organ Toxicity (STOT)/Aspiration Toxicity "waste which can cause specific target organ toxicity either from a single or repeated exposure, or which cause acute toxic effects following aspiration"

Hazard Statements hit:

STOT RE 1; H372 "Causes damage to organs [or state all organs affected, if known] through prolonged or repeated exposure [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

asbestos: (conc.: 4.02%)

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

Hazard Statements hit:

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

Because of determinand:

asbestos: (conc.: 4.02%)

Determinands

Moisture content: **0% No Moisture Correction applied (MC)**

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	asbestos				40200 mg/kg		40200 mg/kg	4.02 %		
	650-013-00-6	-----	12001-28-4							
			132207-32-0							
			12172-73-5							
			77536-66-4							
			77536-68-6							
2	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
3	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
4	naphthalene				0.6 mg/kg		0.6 mg/kg	0.00006 %		
	601-052-00-2	202-049-5	91-20-3							
5	acenaphthylene				0.19 mg/kg		0.19 mg/kg	0.000019 %		
		205-917-1	208-96-8							
6	acenaphthene				2.7 mg/kg		2.7 mg/kg	0.00027 %		
		201-469-6	83-32-9							
7	fluorene				1.8 mg/kg		1.8 mg/kg	0.00018 %		
		201-695-5	86-73-7							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
8	phenanthrene	201-581-5	85-01-8		15 mg/kg		15 mg/kg	0.0015 %		
9	anthracene	204-371-1	120-12-7		2.8 mg/kg		2.8 mg/kg	0.00028 %		
10	fluoranthene	205-912-4	206-44-0		13 mg/kg		13 mg/kg	0.0013 %		
11	pyrene	204-927-3	129-00-0		11 mg/kg		11 mg/kg	0.0011 %		
12	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	6.7 mg/kg		6.7 mg/kg	0.00067 %		
13	chrysene	601-048-00-0	205-923-4	218-01-9	5 mg/kg		5 mg/kg	0.0005 %		
14	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	6 mg/kg		6 mg/kg	0.0006 %		
15	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	2.1 mg/kg		2.1 mg/kg	0.00021 %		
16	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	5.1 mg/kg		5.1 mg/kg	0.00051 %		
17	indeno[123-cd]pyrene	205-893-2	193-39-5		2.5 mg/kg		2.5 mg/kg	0.00025 %		
18	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.63 mg/kg		0.63 mg/kg	0.000063 %		
19	benzo[ghi]perylene	205-883-8	191-24-2		2.9 mg/kg		2.9 mg/kg	0.00029 %		
20	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2	8.8 mg/kg		8.8 mg/kg	0.00088 %		
21	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
22	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex	024-017-00-8			<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
23	chromium(III) oxide (worst case)	215-160-9	1308-38-9		31 mg/kg		31 mg/kg	0.0031 %		
24	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }	029-020-00-8	235-113-6	12069-69-1	27 mg/kg	1.74	46.974 mg/kg	0.0047 %		
25	lead compounds with the exception of those specified elsewhere in this Annex (worst case)	082-001-00-6			11 mg/kg		11 mg/kg	0.0011 %		
26	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6	<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
27	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	11 mg/kg		11 mg/kg	0.0011 %		
28	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex	034-002-00-8			<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
29	zinc { zinc powder - zinc dust (stabilised) }	030-001-01-9	231-175-3	7440-66-6	83 mg/kg		83 mg/kg	0.0083 %		
30	benzene	601-020-00-8	200-753-7	71-43-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
31	toluene	601-021-00-3	203-625-9	108-88-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
32	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
33	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	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]	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
34	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
35	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
36	TPH (C6 to C40) petroleum group				530 mg/kg		530 mg/kg	0.053 %		
			TPH							
Total:								4.101 %		

Key

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

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 1000mg/kg is hazardous waste threshold for none diesel TPH's


Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.053%)

Classification of sample: WS63

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

Sample details

Sample Name:	LoW Code:	
WS63	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.3 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				7 mg/kg		7 mg/kg	0.0007 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				14 mg/kg		14 mg/kg	0.0014 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				6.7 mg/kg	1.74	11.657 mg/kg	0.00117 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	3.8 mg/kg		3.8 mg/kg	0.00038 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	13 mg/kg		13 mg/kg	0.0013 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				16 mg/kg		16 mg/kg	0.0016 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				45 mg/kg		45 mg/kg	0.0045 %			
			TPH								
Total:									0.0117 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because !000mg/kg is hazardous waste threshold for none diesel TPH's

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0045%)

Classification of sample: WS63 - 1

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

Sample details

Sample Name:	LoW Code:	
WS63 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.6 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				6.4 mg/kg		6.4 mg/kg	0.00064 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				12 mg/kg		12 mg/kg	0.0012 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				4.6 mg/kg	1.74	8.003 mg/kg	0.0008 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	7 mg/kg		7 mg/kg	0.0007 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	2.3 mg/kg		2.3 mg/kg	0.00023 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				6.9 mg/kg		6.9 mg/kg	0.00069 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0069 %		

Key

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

Classification of sample: WS62

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

Sample details

Sample Name:	LoW Code:	
WS62	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				6.7 mg/kg		6.7 mg/kg	0.00067 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				16 mg/kg		16 mg/kg	0.0016 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				6.3 mg/kg	1.74	10.961 mg/kg	0.0011 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6.1 mg/kg		6.1 mg/kg	0.00061 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	7.7 mg/kg		7.7 mg/kg	0.00077 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				15 mg/kg		15 mg/kg	0.0015 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				143 mg/kg		143 mg/kg	0.0143 %		
			TPH							
Total:								0.0212 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is hazardous waste threshold for none diesel TPH's

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0143%)

Classification of sample: WS62 - 1

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

Sample details

Sample Name:	LoW Code:	
WS62 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				6.7 mg/kg		6.7 mg/kg	0.00067 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				11 mg/kg		11 mg/kg	0.0011 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				4.7 mg/kg	1.74	8.177 mg/kg	0.000818 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	9.1 mg/kg		9.1 mg/kg	0.00091 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	2.2 mg/kg		2.2 mg/kg	0.00022 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				7.2 mg/kg		7.2 mg/kg	0.00072 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.00708 %		

Key

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

Classification of sample: WS49

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

Sample details

Sample Name:	LoW Code:	
WS49	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.15 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				6.9 mg/kg		6.9 mg/kg	0.00069 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				16 mg/kg		16 mg/kg	0.0016 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				7.8 mg/kg	1.74	13.57 mg/kg	0.00136 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	23 mg/kg		23 mg/kg	0.0023 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	11 mg/kg		11 mg/kg	0.0011 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				26 mg/kg		26 mg/kg	0.0026 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.0123 %		

Key

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

Classification of sample: WS49 - 1


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

Sample details

Sample Name:	LoW Code:	
WS49 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				15 mg/kg		15 mg/kg	0.0015 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				66 mg/kg		66 mg/kg	0.0066 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				3.6 mg/kg	1.74	6.263 mg/kg	0.000626 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	8.2 mg/kg		8.2 mg/kg	0.00082 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	22 mg/kg		22 mg/kg	0.0022 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				51 mg/kg		51 mg/kg	0.0051 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.0195 %		

Key

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

Classification of sample: WS48


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

Sample details

Sample Name:	LoW Code:	
WS48	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				5.1 mg/kg		5.1 mg/kg	0.00051 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				20 mg/kg		20 mg/kg	0.002 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				16 mg/kg	1.74	27.837 mg/kg	0.00278 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	2.7 mg/kg		2.7 mg/kg	0.00027 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	16 mg/kg		16 mg/kg	0.0016 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				20 mg/kg		20 mg/kg	0.002 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<		<	<		ND	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.0118 %		

Key

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

Classification of sample: WS48 - 1


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

Sample details

Sample Name:	LoW Code:	
WS48 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

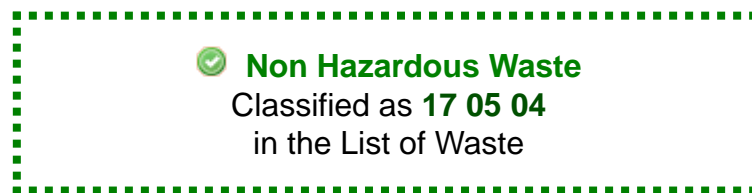
#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				11 mg/kg		11 mg/kg	0.0011 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				62 mg/kg		62 mg/kg	0.0062 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				11 mg/kg	1.74	19.138 mg/kg	0.00191 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	7 mg/kg		7 mg/kg	0.0007 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	20 mg/kg		20 mg/kg	0.002 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				54 mg/kg		54 mg/kg	0.0054 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.02 %		

Key

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

Classification of sample: WS55



Sample details

Sample Name:	LoW Code:	
WS55	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.15 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-883-8	191-24-2								
19	arsenic { arsenic }				10 mg/kg		10 mg/kg	0.001 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %			<LOD
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %			<LOD
	024-017-00-8										
22	chromium(III) oxide (worst case)				33 mg/kg		33 mg/kg	0.0033 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				8.4 mg/kg	1.74	14.614 mg/kg	0.00146 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	5.1 mg/kg		5.1 mg/kg	0.00051 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	20 mg/kg		20 mg/kg	0.002 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				60 mg/kg		60 mg/kg	0.006 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %			<LOD
			TPH								
Total:									0.0169 %		

Key

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

Classification of sample: WS55 - 1


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

Sample details

Sample Name:	LoW Code:
WS55 - 1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				17 mg/kg		17 mg/kg	0.0017 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				65 mg/kg		65 mg/kg	0.0065 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				4.5 mg/kg	1.74	7.829 mg/kg	0.000783 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	7.3 mg/kg		7.3 mg/kg	0.00073 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	16 mg/kg		16 mg/kg	0.0016 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				46 mg/kg		46 mg/kg	0.0046 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<		<	<		ND	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.0186 %		

Key

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

Classification of sample: WS57

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

Sample details

Sample Name:	LoW Code:	
WS57	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.15 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-883-8	191-24-2								
19	arsenic { arsenic }				5.7 mg/kg		5.7 mg/kg	0.00057 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %			<LOD
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %			<LOD
	024-017-00-8										
22	chromium(III) oxide (worst case)				20 mg/kg		20 mg/kg	0.002 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				8.9 mg/kg	1.74	15.484 mg/kg	0.00155 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	5.9 mg/kg		5.9 mg/kg	0.00059 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	17 mg/kg		17 mg/kg	0.0017 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				34 mg/kg		34 mg/kg	0.0034 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				50 mg/kg		50 mg/kg	0.005 %			
			TPH								
Total:									0.0154 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because !000mg/kg is hazardous waste threshold for none diesel TPH's

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.005%)

Classification of sample: WS57 - 1

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

Sample details

Sample Name:	LoW Code:
WS57 - 1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7								
7	phenanthrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8								
8	anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7								
9	fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0								
10	pyrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0								
11	benzo[a]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				9.3 mg/kg		9.3 mg/kg	0.00093 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				54 mg/kg		54 mg/kg	0.0054 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				3.3 mg/kg	1.74	5.741 mg/kg	0.000574 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6.8 mg/kg		6.8 mg/kg	0.00068 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	17 mg/kg		17 mg/kg	0.0017 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				42 mg/kg		42 mg/kg	0.0042 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0161 %		

Key

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

Appendix A: Classifier defined and non CLP determinands

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

CLP index number: 006-007-00-5

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

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

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

Reason for additional Hazards Statement(s):

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

• monohydric phenols (CAS Number: P1186)

Description/Comments: Combined hazards statements from harmonised entries in CLP for phenol, cresols and xylenols (604-001-00-2, 604-004-00-9, 604-006-00-X)

Data source: CLP combined data

Data source date: 26 Mar 2019

Hazard Statements: Acute Tox. 3 H301 , Acute Tox. 3 H311 , Acute Tox. 3 H331 , Skin Corr. 1B H314 , Skin Corr. 1B H314 >= 3 % , Skin Irrit. 2 H315 1 £ conc. < 3 % , Eye Irrit. 2 H319 1 £ conc. < 3 % , Muta. 2 H341 , STOT RE 2 H373 , Aquatic Chronic 2 H411

• acenaphthylene (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

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

• 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

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

CLP index number: 033-001-00-X
 Description/Comments: Worst Case: IARC considers arsenic Group 1; Carcinogenic to humans
 Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
 Additional Hazard Statement(s): Carc. 1A H350
 Reason for additional Hazards Statement(s):
 29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

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

CLP index number: 048-001-00-5
 Description/Comments: Worst Case: IARC considers cadmium compounds Group 1; Carcinogenic to humans
 Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
 Additional Hazard Statement(s): Carc. 1A H350
 Reason for additional Hazards Statement(s):
 29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

- **chromium(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 (worst case)**

CLP index number: 082-001-00-6
 Description/Comments: Worst Case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following CLP protocols, considers lead compounds from smelting industries, flue dust and similar to be Carcinogenic category 1A
 Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
 Additional Hazard Statement(s): Carc. 1A H350
 Reason for additional Hazards Statement(s):
 03 Jun 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html (worst case lead compounds). Review date 29/09/2015

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

CLP index number: 601-023-00-4
 Description/Comments:
 Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
 Additional Hazard Statement(s): Carc. 2 H351
 Reason for additional Hazards Statement(s):
 03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

- **confirm TPH has NOT arisen from diesel or petrol**

Description/Comments: Chapter 3, section 4b requires a positive confirmation for benzo[a]pyrene to be used as a marker in evaluating Carc. 1B; H350 (HP 7) and Muta. 1B; H340 (HP 11)
 Data source: WM3 1st Edition 2015
 Data source date: 25 May 2015
 Hazard Statements: None.

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

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
 Data source: WM3 1st Edition 2015
 Data source date: 25 May 2015
 Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , STOT RE 2 H373 , Muta. 1B H340 , Carc. 1B H350 , Repr. 2 H361d , Aquatic Chronic 2 H411

Appendix B: Rationale for selection of metal species

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)

default species setting as total cyanide recorded

arsenic {arsenic}

default setting as general arsenic analysis by the lab

copper {copper(II) carbonate – copper(II) hydroxide (1:1)}

With site specific possible source this species covers most usages.

mercury {mercury}

General mercury as laboratories generally report the elemental mercury rather than the inorganic

nickel {nickel}

As no details as to the nickel tested or past usages of the site the general nickel has been used for the assessment

zinc {zinc powder - zinc dust (stabilised)}

Covers most of the possible likely sources of zinc within the soils

Appendix C: VersionHazWasteOnline Classification Engine: **WM3 1st Edition v1.1, May 2018**

HazWasteOnline Classification Engine Version: 2021.22.4616.8916 (22 Jan 2021)

HazWasteOnline Database: 2021.22.4616.8916 (22 Jan 2021)

This classification utilises the following guidance and legislation:

WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018**CLP Regulation** - Regulation 1272/2008/EC of 16 December 2008**1st ATP** - Regulation 790/2009/EC of 10 August 2009**2nd ATP** - Regulation 286/2011/EC of 10 March 2011**3rd ATP** - Regulation 618/2012/EU of 10 July 2012**4th ATP** - Regulation 487/2013/EU of 8 May 2013**Correction to 1st ATP** - Regulation 758/2013/EU of 7 August 2013**5th ATP** - Regulation 944/2013/EU of 2 October 2013**6th ATP** - Regulation 605/2014/EU of 5 June 2014**WFD Annex III replacement** - Regulation 1357/2014/EU of 18 December 2014**Revised List of Waste 2014** - Decision 2014/955/EU of 18 December 2014**7th ATP** - Regulation 2015/1221/EU of 24 July 2015**8th ATP** - Regulation (EU) 2016/918 of 19 May 2016**9th ATP** - Regulation (EU) 2016/1179 of 19 July 2016**10th ATP** - Regulation (EU) 2017/776 of 4 May 2017**HP14 amendment** - Regulation (EU) 2017/997 of 8 June 2017**13th ATP** - Regulation (EU) 2018/1480 of 4 October 2018**14th ATP** - Regulation (EU) 2020/217 of 4 October 2019**15th ATP** - Regulation (EU) 2020/1182 of 19 May 2020**The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit)****Regulations 2019** - UK: 2019 No. 720 of 27th March 2019**The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit)****Regulations 2020** - UK: 2020 No. 1567 of 16th December 2020**The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020** - UK: 2020 No. 1540 of 16th December 2020**POPs Regulation 2019** - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report



GH7VT-DQ9XF-S3GFZ

Job name

Batch 3 - i2 report 21-51063

Description/Comments

Project

Paragon

Site

Longcross

Related Documents

#	Name	Description
None		

Waste Stream Template

Paragon

Classified by

Name: **Richard Blaney**
 Date: **26 Jan 2021 16:34 GMT**
 Telephone: **01935 840 346**

Company: **Forge Environmental Management Ltd**
The Forge, Lower Vagg
Chilthorne Domer
Yeovil
BA21 3PY

HazWasteOnline™ Training Record:

Course	Date
Hazardous Waste Classification	-
Advanced Hazardous Waste Classification	-

Report

Created by: Richard Blaney
 Created date: 26 Jan 2021 16:34 GMT


Job summary

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
1	WS59	0.15	Non Hazardous		3
2	WS59 - 1	0.5	Non Hazardous		5
3	WS60	0.15	Non Hazardous		7
4	WS60a	0.5	Non Hazardous		9
5	WS61	0.4	Non Hazardous		11
6	WS50	0.1	Non Hazardous		14
7	WS50 - 1	0.5	Non Hazardous		17
8	WS52	0.15	Non Hazardous		19
9	WS52 - 1	0.5	Non Hazardous		22
10	WS51	0.15	Non Hazardous		24
11	WS51 - 1	0.5	Non Hazardous		26
12	WS53	0.3	Non Hazardous		28
13	WS53 - 1	0.8	Non Hazardous		30
14	WS44	0.2	Non Hazardous		32
15	WS44 - 1	0.5	Non Hazardous		35
16	WS43	0.15	Non Hazardous		

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
17	WS43 - 1	0.5	Non Hazardous		40
18	WS42	0.15	Non Hazardous		42
19	WS42 - 1	0.5	Non Hazardous		45
20	WS41	0.15	Non Hazardous		47
21	WS41 - 1	0.5	Non Hazardous		50
22	WS27	0.5	Non Hazardous		52
23	WS27 - 1	1.4	Non Hazardous		55
24	WS27 - 2	2.5	Non Hazardous		57
25	WS26	0.4	Non Hazardous		59
26	WS26 - 1	0.8	Non Hazardous		61
27	WS20	0.5	Non Hazardous		63
28	WS20 - 1	1.2	Non Hazardous		66
29	WS13	0.4	Non Hazardous		68
30	WS13 - 1	0.8	Non Hazardous		71
31	WS14	0.4	Non Hazardous		73
32	WS14 - 1	1.00	Non Hazardous		76
33	WS14 - 2	1.5	Non Hazardous		79
34	WS28	0.15	Non Hazardous		81
35	WS28 - 1	0.5	Non Hazardous		84
36	WS21	0.15	Non Hazardous		86
37	WS21 - 1	0.5	Non Hazardous		88
38	WS15	0.15	Non Hazardous		90
39	WS15 - 1	0.5	Non Hazardous		92

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Appendix C: Version		96

Classification of sample: WS59


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

Sample details

Sample Name:	LoW Code:
WS59	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.15 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				7.2 mg/kg		7.2 mg/kg	0.00072 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				24 mg/kg		24 mg/kg	0.0024 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				8.3 mg/kg	1.74	14.44 mg/kg	0.00144 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	3.6 mg/kg		3.6 mg/kg	0.00036 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	19 mg/kg		19 mg/kg	0.0019 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				55 mg/kg		55 mg/kg	0.0055 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.015 %		

Key

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

Classification of sample: WS59 - 1

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

Sample details

Sample Name:	LoW Code:	
WS59 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-883-8	191-24-2								
19	arsenic { arsenic }				9.1 mg/kg		9.1 mg/kg	0.00091 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %			<LOD
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %			<LOD
	024-017-00-8										
22	chromium(III) oxide (worst case)				60 mg/kg		60 mg/kg	0.006 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				2.7 mg/kg	1.74	4.697 mg/kg	0.00047 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	7.5 mg/kg		7.5 mg/kg	0.00075 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	20 mg/kg		20 mg/kg	0.002 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				43 mg/kg		43 mg/kg	0.0043 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %			<LOD
			TPH								
Total:									0.0171 %		

Key

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

Classification of sample: WS60

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

Sample details

Sample Name:	LoW Code:	
WS60	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.15 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				19 mg/kg		19 mg/kg	0.0019 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				30 mg/kg		30 mg/kg	0.003 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				5.7 mg/kg	1.74	9.917 mg/kg	0.000992 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	12 mg/kg		12 mg/kg	0.0012 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	17 mg/kg		17 mg/kg	0.0017 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				41 mg/kg		41 mg/kg	0.0041 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.0155 %		

Key

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

Classification of sample: WS60a

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

Sample details

Sample Name:	LoW Code:	
WS60a	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				7 mg/kg		7 mg/kg	0.0007 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				32 mg/kg		32 mg/kg	0.0032 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				13 mg/kg	1.74	22.617 mg/kg	0.00226 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	21 mg/kg		21 mg/kg	0.0021 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	10 mg/kg		10 mg/kg	0.001 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				61 mg/kg		61 mg/kg	0.0061 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.018 %		

Key

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

Classification of sample: WS61

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

Sample details

Sample Name:	LoW Code:	
WS61	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.4 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				6.3 mg/kg		6.3 mg/kg	0.00063 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				17 mg/kg		17 mg/kg	0.0017 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				6.5 mg/kg	1.74	11.309 mg/kg	0.00113 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	4.3 mg/kg		4.3 mg/kg	0.00043 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	12 mg/kg		12 mg/kg	0.0012 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				25 mg/kg		25 mg/kg	0.0025 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				175 mg/kg		175 mg/kg	0.0175 %			
			TPH								
								Total:	0.0257 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1,000mg/kg is the hazardous waste threshold for non-diesel hydrocarbons

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0175%)

Classification of sample: WS50

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

Sample details

Sample Name:	LoW Code:
WS50	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.1 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
7	phenanthrene				0.59 mg/kg		0.59 mg/kg	0.000059 %			
		201-581-5	85-01-8								
8	anthracene				0.25 mg/kg		0.25 mg/kg	0.000025 %			
		204-371-1	120-12-7								
9	fluoranthene				1.7 mg/kg		1.7 mg/kg	0.00017 %			
		205-912-4	206-44-0								
10	pyrene				1.4 mg/kg		1.4 mg/kg	0.00014 %			
		204-927-3	129-00-0								
11	benzo[a]anthracene				0.84 mg/kg		0.84 mg/kg	0.000084 %			
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				0.77 mg/kg		0.77 mg/kg	0.000077 %			
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				0.95 mg/kg		0.95 mg/kg	0.000095 %			
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				0.51 mg/kg		0.51 mg/kg	0.000051 %			
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				0.69 mg/kg		0.69 mg/kg	0.000069 %			
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				0.4 mg/kg		0.4 mg/kg	0.00004 %			
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				0.44 mg/kg		0.44 mg/kg	0.000044 %		
		205-883-8	191-24-2							
19	arsenic { arsenic }				3.3 mg/kg		3.3 mg/kg	0.00033 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				7.6 mg/kg		7.6 mg/kg	0.00076 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				12 mg/kg	1.74	20.878 mg/kg	0.00209 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	8.4 mg/kg		8.4 mg/kg	0.00084 %		
	082-001-00-6									
25	mercury { mercury }				0.3 mg/kg		0.3 mg/kg	0.00003 %		
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	8.4 mg/kg		8.4 mg/kg	0.00084 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				21 mg/kg		21 mg/kg	0.0021 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				46 mg/kg		46 mg/kg	0.0046 %		
			TPH							
Total:								0.013 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1,000mg/kg is the hazardous waste threshold for non-diesel hydrocarbons

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0046%)

Classification of sample: WS50 - 1

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

Sample details

Sample Name:	LoW Code:	
WS50 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				1.6 mg/kg		1.6 mg/kg	0.00016 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				4 mg/kg		4 mg/kg	0.0004 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				6.2 mg/kg	1.74	10.787 mg/kg	0.00108 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	3.5 mg/kg		3.5 mg/kg	0.00035 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	1.6 mg/kg		1.6 mg/kg	0.00016 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				5.5 mg/kg		5.5 mg/kg	0.00055 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.00534 %		

Key

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

Classification of sample: WS52

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

Sample details

Sample Name:	LoW Code:	
WS52	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.15 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				4.6 mg/kg		4.6 mg/kg	0.00046 %		
		205-917-1	208-96-8							
5	acenaphthene				0.74 mg/kg		0.74 mg/kg	0.000074 %		
		201-469-6	83-32-9							
6	fluorene				2.5 mg/kg		2.5 mg/kg	0.00025 %		
		201-695-5	86-73-7							
7	phenanthrene				24 mg/kg		24 mg/kg	0.0024 %		
		201-581-5	85-01-8							
8	anthracene				5.4 mg/kg		5.4 mg/kg	0.00054 %		
		204-371-1	120-12-7							
9	fluoranthene				19 mg/kg		19 mg/kg	0.0019 %		
		205-912-4	206-44-0							
10	pyrene				14 mg/kg		14 mg/kg	0.0014 %		
		204-927-3	129-00-0							
11	benzo[a]anthracene				8.1 mg/kg		8.1 mg/kg	0.00081 %		
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				5.9 mg/kg		5.9 mg/kg	0.00059 %		
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				7.9 mg/kg		7.9 mg/kg	0.00079 %		
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				2.4 mg/kg		2.4 mg/kg	0.00024 %		
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				5.7 mg/kg		5.7 mg/kg	0.00057 %		
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				2.6 mg/kg		2.6 mg/kg	0.00026 %		
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
18	benzo[ghi]perylene				2.6	mg/kg		2.6	mg/kg	0.00026 %		
		205-883-8	191-24-2									
19	arsenic { arsenic }				5.1	mg/kg		5.1	mg/kg	0.00051 %		
	033-001-00-X	231-148-6	7440-38-2									
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
	048-001-00-5											
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2	mg/kg		<1.2	mg/kg	<0.00012 %		<LOD
	024-017-00-8											
22	chromium(III) oxide (worst case)				12	mg/kg		12	mg/kg	0.0012 %		
		215-160-9	1308-38-9									
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				8.5	mg/kg	1.74	14.788	mg/kg	0.00148 %		
	029-020-00-8	235-113-6	12069-69-1									
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6.6	mg/kg		6.6	mg/kg	0.00066 %		
	082-001-00-6											
25	mercury { mercury }				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6									
26	nickel { nickel }			7	11	mg/kg		11	mg/kg	0.0011 %		
	028-002-00-7	231-111-4	7440-02-0									
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
	034-002-00-8											
28	zinc { zinc powder - zinc dust (stabilised) }				18	mg/kg		18	mg/kg	0.0018 %		
	030-001-01-9	231-175-3	7440-66-6									
29	benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
30	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
31	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<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]									
33	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									
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
35	TPH (C6 to C40) petroleum group				227	mg/kg		227	mg/kg	0.0227 %		
			TPH									
Total:										0.0406 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1,000mg/kg is the hazardous waste threshold for non-diesel hydrocarbons

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0227%)

Classification of sample: WS52 - 1

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

Sample details

Sample Name:	LoW Code:
WS52 - 1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				3.7 mg/kg		3.7 mg/kg	0.00037 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				13 mg/kg		13 mg/kg	0.0013 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				1.5 mg/kg	1.74	2.61 mg/kg	0.000261 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	5.6 mg/kg		5.6 mg/kg	0.00056 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	4 mg/kg		4 mg/kg	0.0004 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				13 mg/kg		13 mg/kg	0.0013 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.00683 %		

Key

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

Classification of sample: WS51

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

Sample details

Sample Name:	LoW Code:	
WS51	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.15 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				0.45	mg/kg		0.45	mg/kg	0.000045 %		
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				0.51	mg/kg		0.51	mg/kg	0.000051 %		
		205-912-4	206-44-0									
10	pyrene				0.45	mg/kg		0.45	mg/kg	0.000045 %		
		204-927-3	129-00-0									
11	benzo[a]anthracene				0.66	mg/kg		0.66	mg/kg	0.000066 %		
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				0.57	mg/kg		0.57	mg/kg	0.000057 %		
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				0.93	mg/kg		0.93	mg/kg	0.000093 %		
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				0.52	mg/kg		0.52	mg/kg	0.000052 %		
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				0.85	mg/kg		0.85	mg/kg	0.000085 %		
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				0.46	mg/kg		0.46	mg/kg	0.000046 %		
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				0.49 mg/kg		0.49 mg/kg	0.000049 %		
		205-883-8	191-24-2							
19	arsenic { arsenic }				7 mg/kg		7 mg/kg	0.0007 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				15 mg/kg		15 mg/kg	0.0015 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				9.6 mg/kg	1.74	16.702 mg/kg	0.00167 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	9.3 mg/kg		9.3 mg/kg	0.00093 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	14 mg/kg		14 mg/kg	0.0014 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				27 mg/kg		27 mg/kg	0.0027 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0121 %		

Key

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

Classification of sample: WS51 - 1

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

Sample details

Sample Name:	LoW Code:
WS51 - 1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				2.9 mg/kg		2.9 mg/kg	0.00029 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				5.5 mg/kg		5.5 mg/kg	0.00055 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				3.1 mg/kg	1.74	5.393 mg/kg	0.000539 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	2.9 mg/kg		2.9 mg/kg	0.00029 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	1.7 mg/kg		1.7 mg/kg	0.00017 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				4.1 mg/kg		4.1 mg/kg	0.00041 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.00489 %		

Key

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

Classification of sample: WS53

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

Sample details

Sample Name:	LoW Code:	
WS53	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.3 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-581-5	85-01-8								
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-371-1	120-12-7								
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-912-4	206-44-0								
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-927-3	129-00-0								
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				2.9 mg/kg		2.9 mg/kg	0.00029 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				9.1 mg/kg		9.1 mg/kg	0.00091 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				3.6 mg/kg	1.74	6.263 mg/kg	0.000626 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	5.6 mg/kg		5.6 mg/kg	0.00056 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	2.9 mg/kg		2.9 mg/kg	0.00029 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				9.2 mg/kg		9.2 mg/kg	0.00092 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<29 mg/kg		<29 mg/kg	<0.0029 %		<LOD
			TPH							
Total:								0.00714 %		

Key

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

Classification of sample: WS53 - 1

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

Sample details

Sample Name:	LoW Code:	
WS53 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.8 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				2.5 mg/kg		2.5 mg/kg	0.00025 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				9 mg/kg		9 mg/kg	0.0009 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				2.3 mg/kg	1.74	4.002 mg/kg	0.0004 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	4.4 mg/kg		4.4 mg/kg	0.00044 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	2.7 mg/kg		2.7 mg/kg	0.00027 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				7.1 mg/kg		7.1 mg/kg	0.00071 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.00561 %		

Key

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

Classification of sample: WS44

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

Sample details

Sample Name:	LoW Code:
WS44	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7								
7	phenanthrene				3 mg/kg		3	mg/kg	0.0003 %		
		201-581-5	85-01-8								
8	anthracene				0.53 mg/kg		0.53	mg/kg	0.000053 %		
		204-371-1	120-12-7								
9	fluoranthene				8.6 mg/kg		8.6	mg/kg	0.00086 %		
		205-912-4	206-44-0								
10	pyrene				7.7 mg/kg		7.7	mg/kg	0.00077 %		
		204-927-3	129-00-0								
11	benzo[a]anthracene				5.2 mg/kg		5.2	mg/kg	0.00052 %		
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				3.7 mg/kg		3.7	mg/kg	0.00037 %		
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				4.7 mg/kg		4.7	mg/kg	0.00047 %		
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				2.7 mg/kg		2.7	mg/kg	0.00027 %		
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				4.2 mg/kg		4.2	mg/kg	0.00042 %		
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				1.9 mg/kg		1.9	mg/kg	0.00019 %		
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				1.9 mg/kg		1.9 mg/kg	0.00019 %		
		205-883-8	191-24-2							
19	arsenic { arsenic }				6.1 mg/kg		6.1 mg/kg	0.00061 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				12 mg/kg		12 mg/kg	0.0012 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				4.6 mg/kg	1.74	8.003 mg/kg	0.0008 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6.1 mg/kg		6.1 mg/kg	0.00061 %		
	082-001-00-6									
25	mercury { mercury }				0.4 mg/kg		0.4 mg/kg	0.00004 %		
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	6.4 mg/kg		6.4 mg/kg	0.00064 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				12 mg/kg		12 mg/kg	0.0012 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				88 mg/kg		88 mg/kg	0.0088 %		
			TPH							
Total:								0.0189 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1,000mg/kg is the hazardous waste threshold for non-diesel hydrocarbons


Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0088%)

Classification of sample: WS44 - 1


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

Sample details

Sample Name:	LoW Code:	
WS44 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				7.4 mg/kg		7.4 mg/kg	0.00074 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				25 mg/kg		25 mg/kg	0.0025 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				6.1 mg/kg	1.74	10.613 mg/kg	0.00106 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6.5 mg/kg		6.5 mg/kg	0.00065 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	8.6 mg/kg		8.6 mg/kg	0.00086 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				19 mg/kg		19 mg/kg	0.0019 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.0104 %		

Key

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

Classification of sample: WS43

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

Sample details

Sample Name:	LoW Code:	
WS43	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.15 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				0.52 mg/kg		0.52 mg/kg	0.000052 %		
		205-917-1	208-96-8							
5	acenaphthene				0.41 mg/kg		0.41 mg/kg	0.000041 %		
		201-469-6	83-32-9							
6	fluorene				0.45 mg/kg		0.45 mg/kg	0.000045 %		
		201-695-5	86-73-7							
7	phenanthrene				20 mg/kg		20 mg/kg	0.002 %		
		201-581-5	85-01-8							
8	anthracene				2.8 mg/kg		2.8 mg/kg	0.00028 %		
		204-371-1	120-12-7							
9	fluoranthene				25 mg/kg		25 mg/kg	0.0025 %		
		205-912-4	206-44-0							
10	pyrene				20 mg/kg		20 mg/kg	0.002 %		
		204-927-3	129-00-0							
11	benzo[a]anthracene				13 mg/kg		13 mg/kg	0.0013 %		
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				8.4 mg/kg		8.4 mg/kg	0.00084 %		
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				12 mg/kg		12 mg/kg	0.0012 %		
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				5.5 mg/kg		5.5 mg/kg	0.00055 %		
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				9.6 mg/kg		9.6 mg/kg	0.00096 %		
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				4 mg/kg		4 mg/kg	0.0004 %		
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				1.1 mg/kg		1.1 mg/kg	0.00011 %		
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
18	benzo[ghi]perylene				4.3	mg/kg		4.3	mg/kg	0.00043 %		
		205-883-8	191-24-2									
19	arsenic { arsenic }				6.5	mg/kg		6.5	mg/kg	0.00065 %		
	033-001-00-X	231-148-6	7440-38-2									
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
	048-001-00-5											
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2	mg/kg		<1.2	mg/kg	<0.00012 %		<LOD
	024-017-00-8											
22	chromium(III) oxide (worst case)				12	mg/kg		12	mg/kg	0.0012 %		
		215-160-9	1308-38-9									
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				16	mg/kg	1.74	27.837	mg/kg	0.00278 %		
	029-020-00-8	235-113-6	12069-69-1									
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	8.5	mg/kg		8.5	mg/kg	0.00085 %		
	082-001-00-6											
25	mercury { mercury }				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6									
26	nickel { nickel }			7	13	mg/kg		13	mg/kg	0.0013 %		
	028-002-00-7	231-111-4	7440-02-0									
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
	034-002-00-8											
28	zinc { zinc powder - zinc dust (stabilised) }				14	mg/kg		14	mg/kg	0.0014 %		
	030-001-01-9	231-175-3	7440-66-6									
29	benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
30	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
31	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<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]									
33	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									
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
35	TPH (C6 to C40) petroleum group				230	mg/kg		230	mg/kg	0.023 %		
			TPH									
Total:										0.0445 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1,000mg/kg is the hazardous waste threshold for non-diesel hydrocarbons


Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.023%)

Classification of sample: WS43 - 1

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

Sample details

Sample Name:	LoW Code:
WS43 - 1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				2.5 mg/kg		2.5 mg/kg	0.00025 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				8.2 mg/kg		8.2 mg/kg	0.00082 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				8.4 mg/kg	1.74	14.614 mg/kg	0.00146 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	5 mg/kg		5 mg/kg	0.0005 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	1.9 mg/kg		1.9 mg/kg	0.00019 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				3.6 mg/kg		3.6 mg/kg	0.00036 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.00622 %		

Key

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

Classification of sample: WS42

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

Sample details

Sample Name:	LoW Code:
WS42	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.15 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				0.64 mg/kg		0.64 mg/kg	0.000064 %			
		205-917-1	208-96-8								
5	acenaphthene				0.14 mg/kg		0.14 mg/kg	0.000014 %			
		201-469-6	83-32-9								
6	fluorene				0.23 mg/kg		0.23 mg/kg	0.000023 %			
		201-695-5	86-73-7								
7	phenanthrene				6.5 mg/kg		6.5 mg/kg	0.00065 %			
		201-581-5	85-01-8								
8	anthracene				1.6 mg/kg		1.6 mg/kg	0.00016 %			
		204-371-1	120-12-7								
9	fluoranthene				20 mg/kg		20 mg/kg	0.002 %			
		205-912-4	206-44-0								
10	pyrene				17 mg/kg		17 mg/kg	0.0017 %			
		204-927-3	129-00-0								
11	benzo[a]anthracene				12 mg/kg		12 mg/kg	0.0012 %			
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				8.3 mg/kg		8.3 mg/kg	0.00083 %			
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				12 mg/kg		12 mg/kg	0.0012 %			
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				6.5 mg/kg		6.5 mg/kg	0.00065 %			
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				10 mg/kg		10 mg/kg	0.001 %			
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				4.5 mg/kg		4.5 mg/kg	0.00045 %			
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				1.2 mg/kg		1.2 mg/kg	0.00012 %			
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				4.7 mg/kg		4.7 mg/kg	0.00047 %		
		205-883-8	191-24-2							
19	arsenic { arsenic }				8 mg/kg		8 mg/kg	0.0008 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				13 mg/kg		13 mg/kg	0.0013 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				15 mg/kg	1.74	26.097 mg/kg	0.00261 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6.4 mg/kg		6.4 mg/kg	0.00064 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	15 mg/kg		15 mg/kg	0.0015 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				21 mg/kg		21 mg/kg	0.0021 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				210 mg/kg		210 mg/kg	0.021 %		
			TPH							
Total:								0.041 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1,000mg/kg is the hazardous waste threshold for non-diesel hydrocarbons

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.021%)

Classification of sample: WS42 - 1

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

Sample details

Sample Name:	LoW Code:	
WS42 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				1.6 mg/kg		1.6 mg/kg	0.00016 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				4 mg/kg		4 mg/kg	0.0004 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				4.3 mg/kg	1.74	7.481 mg/kg	0.000748 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	3.9 mg/kg		3.9 mg/kg	0.00039 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	1.2 mg/kg		1.2 mg/kg	0.00012 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				2.5 mg/kg		2.5 mg/kg	0.00025 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.00471 %		

Key

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

Classification of sample: WS41

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

Sample details

Sample Name:	LoW Code:
WS41	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.15 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				1.1 mg/kg		1.1 mg/kg	0.00011 %		
		205-917-1	208-96-8							
5	acenaphthene				0.48 mg/kg		0.48 mg/kg	0.000048 %		
		201-469-6	83-32-9							
6	fluorene				0.62 mg/kg		0.62 mg/kg	0.000062 %		
		201-695-5	86-73-7							
7	phenanthrene				26 mg/kg		26 mg/kg	0.0026 %		
		201-581-5	85-01-8							
8	anthracene				4.4 mg/kg		4.4 mg/kg	0.00044 %		
		204-371-1	120-12-7							
9	fluoranthene				44 mg/kg		44 mg/kg	0.0044 %		
		205-912-4	206-44-0							
10	pyrene				35 mg/kg		35 mg/kg	0.0035 %		
		204-927-3	129-00-0							
11	benzo[a]anthracene				23 mg/kg		23 mg/kg	0.0023 %		
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				15 mg/kg		15 mg/kg	0.0015 %		
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				20 mg/kg		20 mg/kg	0.002 %		
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				10 mg/kg		10 mg/kg	0.001 %		
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				17 mg/kg		17 mg/kg	0.0017 %		
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				7.3 mg/kg		7.3 mg/kg	0.00073 %		
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				1.6 mg/kg		1.6 mg/kg	0.00016 %		
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
18	benzo[ghi]perylene				7.5	mg/kg		7.5	mg/kg	0.00075 %		
		205-883-8	191-24-2									
19	arsenic { arsenic }				9.2	mg/kg		9.2	mg/kg	0.00092 %		
	033-001-00-X	231-148-6	7440-38-2									
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
	048-001-00-5											
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2	mg/kg		<1.2	mg/kg	<0.00012 %		<LOD
	024-017-00-8											
22	chromium(III) oxide (worst case)				20	mg/kg		20	mg/kg	0.002 %		
		215-160-9	1308-38-9									
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				14	mg/kg	1.74	24.357	mg/kg	0.00244 %		
	029-020-00-8	235-113-6	12069-69-1									
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	75	mg/kg		75	mg/kg	0.0075 %		
	082-001-00-6											
25	mercury { mercury }				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6									
26	nickel { nickel }			7	18	mg/kg		18	mg/kg	0.0018 %		
	028-002-00-7	231-111-4	7440-02-0									
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
	034-002-00-8											
28	zinc { zinc powder - zinc dust (stabilised) }				22	mg/kg		22	mg/kg	0.0022 %		
	030-001-01-9	231-175-3	7440-66-6									
29	benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
30	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
31	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<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]									
33	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									
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
35	TPH (C6 to C40) petroleum group				240	mg/kg		240	mg/kg	0.024 %		
			TPH									
Total:										0.0627 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1,000mg/kg is the hazardous waste threshold for non-diesel hydrocarbons


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: WS41 - 1

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

Sample details

Sample Name:	LoW Code:
WS41 - 1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				1.6 mg/kg		1.6 mg/kg	0.00016 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				4.2 mg/kg		4.2 mg/kg	0.00042 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				3.6 mg/kg	1.74	6.263 mg/kg	0.000626 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	3 mg/kg		3 mg/kg	0.0003 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	1.6 mg/kg		1.6 mg/kg	0.00016 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				8.9 mg/kg		8.9 mg/kg	0.00089 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0052 %		

Key

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

Classification of sample: WS27

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

Sample details

Sample Name:	LoW Code:	
WS27	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7								
7	phenanthrene				1.3 mg/kg		1.3	mg/kg	0.00013 %		
		201-581-5	85-01-8								
8	anthracene				0.22 mg/kg		0.22	mg/kg	0.000022 %		
		204-371-1	120-12-7								
9	fluoranthene				2.1 mg/kg		2.1	mg/kg	0.00021 %		
		205-912-4	206-44-0								
10	pyrene				1.7 mg/kg		1.7	mg/kg	0.00017 %		
		204-927-3	129-00-0								
11	benzo[a]anthracene				1.1 mg/kg		1.1	mg/kg	0.00011 %		
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				0.95 mg/kg		0.95	mg/kg	0.000095 %		
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				1.2 mg/kg		1.2	mg/kg	0.00012 %		
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				0.62 mg/kg		0.62	mg/kg	0.000062 %		
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				0.94 mg/kg		0.94	mg/kg	0.000094 %		
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				0.56 mg/kg		0.56	mg/kg	0.000056 %		
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				0.58 mg/kg		0.58 mg/kg	0.000058 %		
		205-883-8	191-24-2							
19	arsenic { arsenic }				28 mg/kg		28 mg/kg	0.0028 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				30 mg/kg		30 mg/kg	0.003 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				110 mg/kg	1.74	191.377 mg/kg	0.0191 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	390 mg/kg		390 mg/kg	0.039 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	24 mg/kg		24 mg/kg	0.0024 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				7 mg/kg		7 mg/kg	0.0007 %		
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				240 mg/kg		240 mg/kg	0.024 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				36 mg/kg		36 mg/kg	0.0036 %		
			TPH							
Total:								0.0962 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1,000mg/kg is the hazardous waste threshold for non-diesel hydrocarbons

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0036%)

Classification of sample: WS27 - 1

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

Sample details

Sample Name:	LoW Code:	
WS27 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.4 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				5.1 mg/kg		5.1 mg/kg	0.00051 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				9.3 mg/kg		9.3 mg/kg	0.00093 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				4 mg/kg	1.74	6.959 mg/kg	0.000696 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6.7 mg/kg		6.7 mg/kg	0.00067 %			
	082-001-00-6										
25	mercury { mercury }				0.3 mg/kg		0.3 mg/kg	0.00003 %			
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	1.5 mg/kg		1.5 mg/kg	0.00015 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				14 mg/kg		14 mg/kg	0.0014 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.00699 %		

Key

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

Classification of sample: WS27 - 2

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

Sample details

Sample Name:	LoW Code:
WS27 - 2	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
2.5 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				20 mg/kg		20 mg/kg	0.002 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				61 mg/kg		61 mg/kg	0.0061 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				7.6 mg/kg	1.74	13.222 mg/kg	0.00132 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	9.5 mg/kg		9.5 mg/kg	0.00095 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	13 mg/kg		13 mg/kg	0.0013 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				34 mg/kg		34 mg/kg	0.0034 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.0177 %		

Key

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

Classification of sample: WS26

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

Sample details

Sample Name:	LoW Code:	
WS26	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.4 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-883-8	191-24-2								
19	arsenic { arsenic }				21 mg/kg		21 mg/kg	0.0021 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %			<LOD
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %			<LOD
	024-017-00-8										
22	chromium(III) oxide (worst case)				42 mg/kg		42 mg/kg	0.0042 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				42 mg/kg	1.74	73.071 mg/kg	0.00731 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	14 mg/kg		14 mg/kg	0.0014 %			
	082-001-00-6										
25	mercury { mercury }				0.5 mg/kg		0.5 mg/kg	0.00005 %			
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	46 mg/kg		46 mg/kg	0.0046 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				40 mg/kg		40 mg/kg	0.004 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %			<LOD
			TPH								
Total:									0.0263 %		

Key

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

Classification of sample: WS26 - 1

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

Sample details

Sample Name:	LoW Code:	
WS26 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.8 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				17 mg/kg		17 mg/kg	0.0017 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				58 mg/kg		58 mg/kg	0.0058 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				9.8 mg/kg	1.74	17.05 mg/kg	0.0017 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	12 mg/kg		12 mg/kg	0.0012 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	11 mg/kg		11 mg/kg	0.0011 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				36 mg/kg		36 mg/kg	0.0036 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.0177 %		

Key

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

Classification of sample: WS20


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

Sample details

Sample Name:	LoW Code:	
WS20	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				0.29 mg/kg		0.29 mg/kg	0.000029 %		
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				0.58 mg/kg		0.58 mg/kg	0.000058 %		
		205-912-4	206-44-0							
10	pyrene				0.51 mg/kg		0.51 mg/kg	0.000051 %		
		204-927-3	129-00-0							
11	benzo[a]anthracene				0.48 mg/kg		0.48 mg/kg	0.000048 %		
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				0.46 mg/kg		0.46 mg/kg	0.000046 %		
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				0.64 mg/kg		0.64 mg/kg	0.000064 %		
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				0.36 mg/kg		0.36 mg/kg	0.000036 %		
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				0.52 mg/kg		0.52 mg/kg	0.000052 %		
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				0.37 mg/kg		0.37 mg/kg	0.000037 %		
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				0.44 mg/kg		0.44 mg/kg	0.000044 %		
		205-883-8	191-24-2							
19	arsenic { arsenic }				9.5 mg/kg		9.5 mg/kg	0.00095 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				21 mg/kg		21 mg/kg	0.0021 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				15 mg/kg	1.74	26.097 mg/kg	0.00261 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	29 mg/kg		29 mg/kg	0.0029 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	17 mg/kg		17 mg/kg	0.0017 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				34 mg/kg		34 mg/kg	0.0034 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				79 mg/kg		79 mg/kg	0.0079 %		
			TPH							
Total:								0.0226 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1,000mg/kg is the hazardous waste threshold for non-diesel hydrocarbons

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0079%)

Classification of sample: WS20 - 1

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

Sample details

Sample Name:	LoW Code:
WS20 - 1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.2 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-581-5	85-01-8								
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-371-1	120-12-7								
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-912-4	206-44-0								
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-927-3	129-00-0								
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				13 mg/kg		13 mg/kg	0.0013 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				45 mg/kg		45 mg/kg	0.0045 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				8.6 mg/kg	1.74	14.962 mg/kg	0.0015 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	14 mg/kg		14 mg/kg	0.0014 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	12 mg/kg		12 mg/kg	0.0012 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				24 mg/kg		24 mg/kg	0.0024 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0149 %		

Key

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

Classification of sample: WS13

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

Sample details

Sample Name:	LoW Code:
WS13	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.4 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				2.2	mg/kg		2.2	mg/kg	0.00022 %		
		201-581-5	85-01-8									
8	anthracene				0.55	mg/kg		0.55	mg/kg	0.000055 %		
		204-371-1	120-12-7									
9	fluoranthene				2.6	mg/kg		2.6	mg/kg	0.00026 %		
		205-912-4	206-44-0									
10	pyrene				2.1	mg/kg		2.1	mg/kg	0.00021 %		
		204-927-3	129-00-0									
11	benzo[a]anthracene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				0.95	mg/kg		0.95	mg/kg	0.000095 %		
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				0.99	mg/kg		0.99	mg/kg	0.000099 %		
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				0.62	mg/kg		0.62	mg/kg	0.000062 %		
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				1	mg/kg		1	mg/kg	0.0001 %		
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				0.46	mg/kg		0.46	mg/kg	0.000046 %		
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				0.53 mg/kg		0.53 mg/kg	0.000053 %		
		205-883-8	191-24-2							
19	arsenic { arsenic }				8.9 mg/kg		8.9 mg/kg	0.00089 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				20 mg/kg		20 mg/kg	0.002 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				25 mg/kg	1.74	43.495 mg/kg	0.00435 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	69 mg/kg		69 mg/kg	0.0069 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	21 mg/kg		21 mg/kg	0.0021 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				94 mg/kg		94 mg/kg	0.0094 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				62 mg/kg		62 mg/kg	0.0062 %		
			TPH							
Total:								0.0338 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1,000mg/kg is the hazardous waste threshold for non-diesel hydrocarbons


Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0062%)

Classification of sample: WS13 - 1

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

Sample details

Sample Name:	LoW Code:	
WS13 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.8 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				9.6 mg/kg		9.6 mg/kg	0.00096 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				63 mg/kg		63 mg/kg	0.0063 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				4 mg/kg	1.74	6.959 mg/kg	0.000696 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	7.6 mg/kg		7.6 mg/kg	0.00076 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	21 mg/kg		21 mg/kg	0.0021 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				47 mg/kg		47 mg/kg	0.0047 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.0182 %		

Key

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

Classification of sample: WS14

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

Sample details

Sample Name:	LoW Code:	
WS14	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.4 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				0.52 mg/kg		0.52 mg/kg	0.000052 %		
		201-469-6	83-32-9							
6	fluorene				0.41 mg/kg		0.41 mg/kg	0.000041 %		
		201-695-5	86-73-7							
7	phenanthrene				5 mg/kg		5 mg/kg	0.0005 %		
		201-581-5	85-01-8							
8	anthracene				1.1 mg/kg		1.1 mg/kg	0.00011 %		
		204-371-1	120-12-7							
9	fluoranthene				6 mg/kg		6 mg/kg	0.0006 %		
		205-912-4	206-44-0							
10	pyrene				4.9 mg/kg		4.9 mg/kg	0.00049 %		
		204-927-3	129-00-0							
11	benzo[a]anthracene				3 mg/kg		3 mg/kg	0.0003 %		
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				2.1 mg/kg		2.1 mg/kg	0.00021 %		
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				2.5 mg/kg		2.5 mg/kg	0.00025 %		
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				0.93 mg/kg		0.93 mg/kg	0.000093 %		
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				2 mg/kg		2 mg/kg	0.0002 %		
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				0.92 mg/kg		0.92 mg/kg	0.000092 %		
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
18	benzo[ghi]perylene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
		205-883-8	191-24-2									
19	arsenic { arsenic }				8.1	mg/kg		8.1	mg/kg	0.00081 %		
	033-001-00-X	231-148-6	7440-38-2									
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
	048-001-00-5											
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2	mg/kg		<1.2	mg/kg	<0.00012 %		<LOD
	024-017-00-8											
22	chromium(III) oxide (worst case)				18	mg/kg		18	mg/kg	0.0018 %		
		215-160-9	1308-38-9									
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				9.5	mg/kg	1.74	16.528	mg/kg	0.00165 %		
	029-020-00-8	235-113-6	12069-69-1									
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	28	mg/kg		28	mg/kg	0.0028 %		
	082-001-00-6											
25	mercury { mercury }				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6									
26	nickel { nickel }			7	13	mg/kg		13	mg/kg	0.0013 %		
	028-002-00-7	231-111-4	7440-02-0									
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
	034-002-00-8											
28	zinc { zinc powder - zinc dust (stabilised) }				34	mg/kg		34	mg/kg	0.0034 %		
	030-001-01-9	231-175-3	7440-66-6									
29	benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
30	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
31	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002	mg/kg		<0.002	mg/kg	<0.0000002 %		<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]									
33	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									
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
35	TPH (C6 to C40) petroleum group				164	mg/kg		164	mg/kg	0.0164 %		
			TPH									
Total:										0.0318 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1,000mg/kg is the hazardous waste threshold for non-diesel hydrocarbons

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0164%)

Classification of sample: WS14 - 1

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

Sample details

Sample Name:	LoW Code:
WS14 - 1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.00 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
7	phenanthrene				0.29 mg/kg		0.29 mg/kg	0.000029 %			
		201-581-5	85-01-8								
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-371-1	120-12-7								
9	fluoranthene				0.49 mg/kg		0.49 mg/kg	0.000049 %			
		205-912-4	206-44-0								
10	pyrene				0.48 mg/kg		0.48 mg/kg	0.000048 %			
		204-927-3	129-00-0								
11	benzo[a]anthracene				0.3 mg/kg		0.3 mg/kg	0.00003 %			
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				0.26 mg/kg		0.26 mg/kg	0.000026 %			
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				7.3 mg/kg		7.3 mg/kg	0.00073 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				27 mg/kg		27 mg/kg	0.0027 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				7.9 mg/kg	1.74	13.744 mg/kg	0.00137 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	21 mg/kg		21 mg/kg	0.0021 %		
	082-001-00-6									
25	mercury { mercury }				0.3 mg/kg		0.3 mg/kg	0.00003 %		
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	8.9 mg/kg		8.9 mg/kg	0.00089 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				28 mg/kg		28 mg/kg	0.0028 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				330 mg/kg		330 mg/kg	0.033 %		
			TPH							
Total:								0.0444 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1,000mg/kg is the hazardous waste threshold for non-diesel hydrocarbons

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.033%)

Classification of sample: WS14 - 2

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

Sample details

Sample Name:	LoW Code:	
WS14 - 2	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				3.6 mg/kg		3.6 mg/kg	0.00036 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				12 mg/kg		12 mg/kg	0.0012 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				2.3 mg/kg	1.74	4.002 mg/kg	0.0004 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	4.5 mg/kg		4.5 mg/kg	0.00045 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	3 mg/kg		3 mg/kg	0.0003 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				11 mg/kg		11 mg/kg	0.0011 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.00645 %		

Key

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

Classification of sample: WS28

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

Sample details

Sample Name:	LoW Code:	
WS28	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.15 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				1.2 mg/kg		1.2 mg/kg	0.00012 %		
		201-581-5	85-01-8							
8	anthracene				0.23 mg/kg		0.23 mg/kg	0.000023 %		
		204-371-1	120-12-7							
9	fluoranthene				1.2 mg/kg		1.2 mg/kg	0.00012 %		
		205-912-4	206-44-0							
10	pyrene				1 mg/kg		1 mg/kg	0.0001 %		
		204-927-3	129-00-0							
11	benzo[a]anthracene				0.57 mg/kg		0.57 mg/kg	0.000057 %		
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				0.51 mg/kg		0.51 mg/kg	0.000051 %		
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				0.48 mg/kg		0.48 mg/kg	0.000048 %		
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				0.34 mg/kg		0.34 mg/kg	0.000034 %		
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				0.44 mg/kg		0.44 mg/kg	0.000044 %		
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				0.23 mg/kg		0.23 mg/kg	0.000023 %		
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				0.27 mg/kg		0.27 mg/kg	0.000027 %			
		205-883-8	191-24-2								
19	arsenic { arsenic }				7.4 mg/kg		7.4 mg/kg	0.00074 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				17 mg/kg		17 mg/kg	0.0017 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				16 mg/kg	1.74	27.837 mg/kg	0.00278 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	13 mg/kg		13 mg/kg	0.0013 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	14 mg/kg		14 mg/kg	0.0014 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				38 mg/kg		38 mg/kg	0.0038 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				48 mg/kg		48 mg/kg	0.0048 %			
			TPH								
								Total:	0.0178 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1,000mg/kg is the hazardous waste threshold for non-diesel hydrocarbons

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0048%)

Classification of sample: WS28 - 1

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

Sample details

Sample Name:	LoW Code:	
WS28 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-581-5	85-01-8								
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-371-1	120-12-7								
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-912-4	206-44-0								
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-927-3	129-00-0								
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				5.3 mg/kg		5.3 mg/kg	0.00053 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				17 mg/kg		17 mg/kg	0.0017 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				2.7 mg/kg	1.74	4.697 mg/kg	0.00047 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	5.4 mg/kg		5.4 mg/kg	0.00054 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	4.6 mg/kg		4.6 mg/kg	0.00046 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				12 mg/kg		12 mg/kg	0.0012 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.00754 %		

Key

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

Classification of sample: WS21

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

Sample details

Sample Name:	LoW Code:
WS21	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.15 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				9.5 mg/kg		9.5 mg/kg	0.00095 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				16 mg/kg		16 mg/kg	0.0016 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				33 mg/kg	1.74	57.413 mg/kg	0.00574 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	18 mg/kg		18 mg/kg	0.0018 %		
	082-001-00-6									
25	mercury { mercury }				0.4 mg/kg		0.4 mg/kg	0.00004 %		
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	26 mg/kg		26 mg/kg	0.0026 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				36 mg/kg		36 mg/kg	0.0036 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0189 %		

Key

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

Classification of sample: WS21 - 1

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

Sample details

Sample Name:	LoW Code:	
WS21 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				8.6 mg/kg		8.6 mg/kg	0.00086 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				34 mg/kg		34 mg/kg	0.0034 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				4.9 mg/kg	1.74	8.525 mg/kg	0.000852 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	7.4 mg/kg		7.4 mg/kg	0.00074 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	11 mg/kg		11 mg/kg	0.0011 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				25 mg/kg		25 mg/kg	0.0025 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0121 %		

Key

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

Classification of sample: WS15

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

Sample details

Sample Name:	LoW Code:	
WS15	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.15 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				7.2 mg/kg		7.2 mg/kg	0.00072 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				13 mg/kg		13 mg/kg	0.0013 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				12 mg/kg	1.74	20.878 mg/kg	0.00209 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	8.7 mg/kg		8.7 mg/kg	0.00087 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	11 mg/kg		11 mg/kg	0.0011 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				17 mg/kg		17 mg/kg	0.0017 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0104 %		

Key

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

Classification of sample: WS15 - 1

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

Sample details

Sample Name:	LoW Code:
WS15 - 1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				6.8 mg/kg		6.8 mg/kg	0.00068 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				20 mg/kg		20 mg/kg	0.002 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				5.1 mg/kg	1.74	8.873 mg/kg	0.000887 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6.4 mg/kg		6.4 mg/kg	0.00064 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	7.3 mg/kg		7.3 mg/kg	0.00073 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				17 mg/kg		17 mg/kg	0.0017 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.00928 %		

Key

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

Appendix A: Classifier defined and non CLP determinands

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

CLP index number: 006-007-00-5

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

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

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

Reason for additional Hazards Statement(s):

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

- **monohydric phenols** (CAS Number: P1186)

Description/Comments: Combined hazards statements from harmonised entries in CLP for phenol, cresols and xylenols (604-001-00-2, 604-004-00-9, 604-006-00-X)

Data source: CLP combined data

Data source date: 26 Mar 2019

Hazard Statements: Acute Tox. 3 H301 , Acute Tox. 3 H311 , Acute Tox. 3 H331 , Skin Corr. 1B H314 , Skin Corr. 1B H314 >= 3 % , Skin Irrit. 2 H315 1 £ conc. < 3 % , Eye Irrit. 2 H319 1 £ conc. < 3 % , Muta. 2 H341 , STOT RE 2 H373 , Aquatic Chronic 2 H411

- **acenaphthylene** (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

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

- **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

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

CLP index number: 033-001-00-X
Description/Comments: Worst Case: IARC considers arsenic Group 1; Carcinogenic to humans
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

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

CLP index number: 048-001-00-5
Description/Comments: Worst Case: IARC considers cadmium compounds Group 1; Carcinogenic to humans
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

- **chromium(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 (worst case)**

CLP index number: 082-001-00-6
Description/Comments: Worst Case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following CLP protocols, considers lead compounds from smelting industries, flue dust and similar to be Carcinogenic category 1A
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html (worst case lead compounds). Review date 29/09/2015

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

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

- **confirm TPH has NOT arisen from diesel or petrol**

Description/Comments: Chapter 3, section 4b requires a positive confirmation for benzo[a]pyrene to be used as a marker in evaluating Carc. 1B; H350 (HP 7) and Muta. 1B; H340 (HP 11)
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

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

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , STOT RE 2 H373 , Muta. 1B H340 , Carc. 1B H350 , Repr. 2 H361d , Aquatic Chronic 2 H411

Appendix B: Rationale for selection of metal species

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)

default species setting as total cyanide recorded

arsenic {arsenic}

default setting as general arsenic analysis by the lab

copper {copper(II) carbonate – copper(II) hydroxide (1:1)}

With site specific possible source this species covers most usages.

mercury {mercury}

General mercury as laboratories generally report the elemental mercury rather than the inorganic

nickel {nickel}

As no details as to the nickel tested or past usages of the site the general nickel has been used for the assessment

zinc {zinc powder - zinc dust (stabilised)}

Covers most of the possible likely sources of zinc within the soils

Appendix C: VersionHazWasteOnline Classification Engine: **WM3 1st Edition v1.1, May 2018**

HazWasteOnline Classification Engine Version: 2021.22.4616.8916 (22 Jan 2021)

HazWasteOnline Database: 2021.22.4616.8916 (22 Jan 2021)

This classification utilises the following guidance and legislation:

WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018**CLP Regulation** - Regulation 1272/2008/EC of 16 December 2008**1st ATP** - Regulation 790/2009/EC of 10 August 2009**2nd ATP** - Regulation 286/2011/EC of 10 March 2011**3rd ATP** - Regulation 618/2012/EU of 10 July 2012**4th ATP** - Regulation 487/2013/EU of 8 May 2013**Correction to 1st ATP** - Regulation 758/2013/EU of 7 August 2013**5th ATP** - Regulation 944/2013/EU of 2 October 2013**6th ATP** - Regulation 605/2014/EU of 5 June 2014**WFD Annex III replacement** - Regulation 1357/2014/EU of 18 December 2014**Revised List of Waste 2014** - Decision 2014/955/EU of 18 December 2014**7th ATP** - Regulation 2015/1221/EU of 24 July 2015**8th ATP** - Regulation (EU) 2016/918 of 19 May 2016**9th ATP** - Regulation (EU) 2016/1179 of 19 July 2016**10th ATP** - Regulation (EU) 2017/776 of 4 May 2017**HP14 amendment** - Regulation (EU) 2017/997 of 8 June 2017**13th ATP** - Regulation (EU) 2018/1480 of 4 October 2018**14th ATP** - Regulation (EU) 2020/217 of 4 October 2019**15th ATP** - Regulation (EU) 2020/1182 of 19 May 2020**The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit)****Regulations 2019** - UK: 2019 No. 720 of 27th March 2019**The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit)****Regulations 2020** - UK: 2020 No. 1567 of 16th December 2020**The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020** - UK:

2020 No. 1540 of 16th December 2020

POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report



ZNJSN-MYRZG-HQAKM

Job name

Batch 4 - i2 report 21-51747

Description/Comments

Project

Paragon

Site

Longcross

Related Documents

#	Name	Description
None		

Waste Stream Template

Paragon

Classified by

Name:
Richard Blaney
Date:
01 Feb 2021 09:56 GMT
Telephone:
01935 840 346

Company:
Forge Environmental Management Ltd
The Forge, Lower Vagg
Chilthorne Domer
Yeovil
BA21 3PY

HazWasteOnline™ Training Record:

Course	Date
Hazardous Waste Classification	-
Advanced Hazardous Waste Classification	-

Report

Created by: Richard Blaney
Created date: 01 Feb 2021 09:56 GMT

Job summary

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
1	WS37	0.5	Non Hazardous		3
2	WS38	0.2	Non Hazardous		6
3	WS38 - 1	0.5	Non Hazardous		9
4	WS39	0.2	Non Hazardous		11
5	WS39 - 1	0.5	Non Hazardous		14
6	WS40	0.5	Non Hazardous		16
7	WS32	0.5	Non Hazardous		18
8	WS31	0.5	Non Hazardous		20
9	WS16	0.3	Non Hazardous		22
10	WS16 - 1	0.8	Non Hazardous		25
11	WS22	0.3	Non Hazardous		27
12	WS22 - 1	1.3	Non Hazardous		30
13	WS34	0.5	Non Hazardous		32
14	WS34 - 1	1.5	Non Hazardous		34
15	WS33	0.5	Non Hazardous		36
16	WS12	0.4	Non Hazardous		38

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
17	WS12 - 1	0.8	Non Hazardous		41
18	WS11	0.5	Non Hazardous		43
19	WS64a	0.2	Non Hazardous		45
20	WS64a - 1	0.5	Non Hazardous		48
21	WS29	0.3	Non Hazardous		50
22	WS29 - 1	1.3	Non Hazardous		52
23	WS24	0.15	Non Hazardous		54
24	WS24 - 1	0.5	Non Hazardous		56
25	WS25	0.5	Non Hazardous		58

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Appendix A: Classifier defined and non CLP determinands	60
Appendix B: Rationale for selection of metal species	61
Appendix C: Version	62

Classification of sample: WS37

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

Sample details

Sample Name:	LoW Code:	
WS37	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-883-8	191-24-2								
19	arsenic { arsenic }				4.7 mg/kg		4.7 mg/kg	0.00047 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %			<LOD
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %			<LOD
	024-017-00-8										
22	chromium(III) oxide (worst case)				9.5 mg/kg		9.5 mg/kg	0.00095 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				6 mg/kg	1.74	10.439 mg/kg	0.00104 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6.3 mg/kg		6.3 mg/kg	0.00063 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	1.4 mg/kg		1.4 mg/kg	0.00014 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				7.3 mg/kg		7.3 mg/kg	0.00073 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				34 mg/kg		34 mg/kg	0.0034 %			
			TPH								
Total:									0.008 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is the hazardous waste threshold for non-diesel

TPH

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: WS38

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

Sample details

Sample Name:	LoW Code:
WS38	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
		201-469-6	83-32-9									
6	fluorene				0.32	mg/kg		0.32	mg/kg	0.000032 %		
		201-695-5	86-73-7									
7	phenanthrene				8.3	mg/kg		8.3	mg/kg	0.00083 %		
		201-581-5	85-01-8									
8	anthracene				0.98	mg/kg		0.98	mg/kg	0.000098 %		
		204-371-1	120-12-7									
9	fluoranthene				8.9	mg/kg		8.9	mg/kg	0.00089 %		
		205-912-4	206-44-0									
10	pyrene				6.7	mg/kg		6.7	mg/kg	0.00067 %		
		204-927-3	129-00-0									
11	benzo[a]anthracene				3.7	mg/kg		3.7	mg/kg	0.00037 %		
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				2.4	mg/kg		2.4	mg/kg	0.00024 %		
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				2.6	mg/kg		2.6	mg/kg	0.00026 %		
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				2	mg/kg		2	mg/kg	0.0002 %		
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				2.5	mg/kg		2.5	mg/kg	0.00025 %		
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				0.98	mg/kg		0.98	mg/kg	0.000098 %		
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				1.2 mg/kg		1.2 mg/kg	0.00012 %		
		205-883-8	191-24-2							
19	arsenic { arsenic }				5.2 mg/kg		5.2 mg/kg	0.00052 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				11 mg/kg		11 mg/kg	0.0011 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				10 mg/kg	1.74	17.398 mg/kg	0.00174 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	5.6 mg/kg		5.6 mg/kg	0.00056 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	9.6 mg/kg		9.6 mg/kg	0.00096 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				17 mg/kg		17 mg/kg	0.0017 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				90 mg/kg		90 mg/kg	0.009 %		
			TPH							
Total:								0.0202 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is the hazardous waste threshold for non-diesel

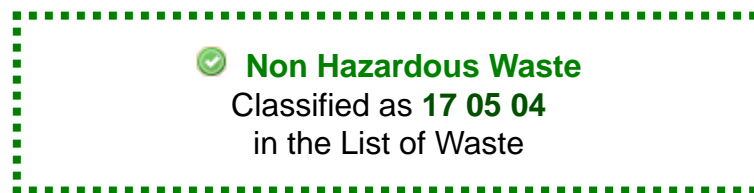
TPH

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: WS38 - 1

Sample details

Sample Name:	LoW Code:	
WS38 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				1.4 mg/kg		1.4 mg/kg	0.00014 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				3.7 mg/kg		3.7 mg/kg	0.00037 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				4.6 mg/kg	1.74	8.003 mg/kg	0.0008 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	4.1 mg/kg		4.1 mg/kg	0.00041 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				2.5 mg/kg		2.5 mg/kg	0.00025 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.00471 %		

Key

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

Classification of sample: WS39

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

Sample details

Sample Name:	LoW Code:	
WS39	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				3.2 mg/kg		3.2 mg/kg	0.00032 %		
		201-581-5	85-01-8							
8	anthracene				0.48 mg/kg		0.48 mg/kg	0.000048 %		
		204-371-1	120-12-7							
9	fluoranthene				3 mg/kg		3 mg/kg	0.0003 %		
		205-912-4	206-44-0							
10	pyrene				2.3 mg/kg		2.3 mg/kg	0.00023 %		
		204-927-3	129-00-0							
11	benzo[a]anthracene				1.1 mg/kg		1.1 mg/kg	0.00011 %		
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				0.99 mg/kg		0.99 mg/kg	0.000099 %		
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				0.88 mg/kg		0.88 mg/kg	0.000088 %		
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				0.6 mg/kg		0.6 mg/kg	0.00006 %		
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				0.64 mg/kg		0.64 mg/kg	0.000064 %		
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				0.29 mg/kg		0.29 mg/kg	0.000029 %		
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				0.37 mg/kg		0.37 mg/kg	0.000037 %			
		205-883-8	191-24-2								
19	arsenic { arsenic }				2.8 mg/kg		2.8 mg/kg	0.00028 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				8 mg/kg		8 mg/kg	0.0008 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				7 mg/kg	1.74	12.179 mg/kg	0.00122 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	4.3 mg/kg		4.3 mg/kg	0.00043 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	3.8 mg/kg		3.8 mg/kg	0.00038 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				6.4 mg/kg		6.4 mg/kg	0.00064 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				27 mg/kg		27 mg/kg	0.0027 %			
			TPH								
								Total:	0.00842 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is the hazardous waste threshold for non-diesel

TPH


Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0027%)

Classification of sample: WS39 - 1

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

Sample details

Sample Name:	LoW Code:
WS39 - 1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:
0.5 m	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				3.6 mg/kg		3.6 mg/kg	0.00036 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				7.4 mg/kg		7.4 mg/kg	0.00074 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				6.4 mg/kg	1.74	11.135 mg/kg	0.00111 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	5.2 mg/kg		5.2 mg/kg	0.00052 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	1.3 mg/kg		1.3 mg/kg	0.00013 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				4 mg/kg		4 mg/kg	0.0004 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0059 %		

Key

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

Classification of sample: WS40

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

Sample details

Sample Name:	LoW Code:	
WS40	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7								
7	phenanthrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8								
8	anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7								
9	fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0								
10	pyrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0								
11	benzo[a]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				5 mg/kg		5 mg/kg	0.0005 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				16 mg/kg		16 mg/kg	0.0016 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				6.5 mg/kg	1.74	11.309 mg/kg	0.00113 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	8 mg/kg		8 mg/kg	0.0008 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	2.8 mg/kg		2.8 mg/kg	0.00028 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				8.6 mg/kg		8.6 mg/kg	0.00086 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.00781 %		

Key

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

Classification of sample: WS32

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

Sample details

Sample Name:	LoW Code:	
WS32	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				1.7 mg/kg		1.7 mg/kg	0.00017 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				6.3 mg/kg		6.3 mg/kg	0.00063 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				3.9 mg/kg	1.74	6.785 mg/kg	0.000679 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	7.7 mg/kg		7.7 mg/kg	0.00077 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	1.4 mg/kg		1.4 mg/kg	0.00014 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				3.4 mg/kg		3.4 mg/kg	0.00034 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.00537 %		

Key

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

Classification of sample: WS31

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

Sample details

Sample Name:	LoW Code:
WS31	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7								
7	phenanthrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8								
8	anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7								
9	fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0								
10	pyrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0								
11	benzo[a]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				2.7 mg/kg		2.7 mg/kg	0.00027 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				7.2 mg/kg		7.2 mg/kg	0.00072 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				4.7 mg/kg	1.74	8.177 mg/kg	0.000818 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	5.9 mg/kg		5.9 mg/kg	0.00059 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	1.2 mg/kg		1.2 mg/kg	0.00012 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				3.8 mg/kg		3.8 mg/kg	0.00038 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.00554 %		

Key

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

Classification of sample: WS16

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

Sample details

Sample Name:	LoW Code:	
WS16	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.3 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-581-5	85-01-8								
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-371-1	120-12-7								
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-912-4	206-44-0								
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-927-3	129-00-0								
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				5.3 mg/kg		5.3 mg/kg	0.00053 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				14 mg/kg		14 mg/kg	0.0014 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				14 mg/kg	1.74	24.357 mg/kg	0.00244 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	24 mg/kg		24 mg/kg	0.0024 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	8 mg/kg		8 mg/kg	0.0008 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				44 mg/kg		44 mg/kg	0.0044 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				40 mg/kg		40 mg/kg	0.004 %		
			TPH							
Total:								0.0166 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is the hazardous waste threshold for non-diesel

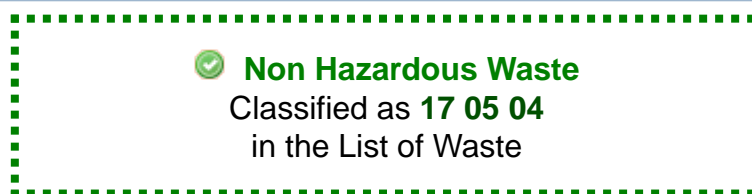
TPH

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.004%)

Classification of sample: WS16 - 1

Sample details

Sample Name:	LoW Code:	
WS16 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.8 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				6.9 mg/kg		6.9 mg/kg	0.00069 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				28 mg/kg		28 mg/kg	0.0028 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				4.1 mg/kg	1.74	7.133 mg/kg	0.000713 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6.9 mg/kg		6.9 mg/kg	0.00069 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	7 mg/kg		7 mg/kg	0.0007 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				19 mg/kg		19 mg/kg	0.0019 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.0101 %		

Key

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

Classification of sample: WS22

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

Sample details

Sample Name:	LoW Code:	
WS22	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.3 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				4.8 mg/kg		4.8 mg/kg	0.00048 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				13 mg/kg		13 mg/kg	0.0013 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				1.6 mg/kg	1.74	2.784 mg/kg	0.000278 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6.2 mg/kg		6.2 mg/kg	0.00062 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	3.6 mg/kg		3.6 mg/kg	0.00036 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				9.9 mg/kg		9.9 mg/kg	0.00099 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				27 mg/kg		27 mg/kg	0.0027 %			
			TPH								
								Total:	0.00737 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is the hazardous waste threshold for non-diesel

TPH

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0027%)

Classification of sample: WS22 - 1

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

Sample details

Sample Name:	LoW Code:	
WS22 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.3 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				4.2 mg/kg		4.2 mg/kg	0.00042 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				24 mg/kg		24 mg/kg	0.0024 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				4.7 mg/kg	1.74	8.177 mg/kg	0.000818 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	5.8 mg/kg		5.8 mg/kg	0.00058 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	6.2 mg/kg		6.2 mg/kg	0.00062 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				15 mg/kg		15 mg/kg	0.0015 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.00898 %		

Key

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

Classification of sample: WS34

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

Sample details

Sample Name:	LoW Code:	
WS34	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				8.2 mg/kg		8.2 mg/kg	0.00082 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				25 mg/kg		25 mg/kg	0.0025 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				15 mg/kg	1.74	26.097 mg/kg	0.00261 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	10 mg/kg		10 mg/kg	0.001 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	6.6 mg/kg		6.6 mg/kg	0.00066 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				38 mg/kg		38 mg/kg	0.0038 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.014 %		

Key

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

Classification of sample: WS34 - 1

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

Sample details

Sample Name:	LoW Code:
WS34 - 1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:
1.5 m	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				5.7 mg/kg		5.7 mg/kg	0.00057 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				12 mg/kg		12 mg/kg	0.0012 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				15 mg/kg	1.74	26.097 mg/kg	0.00261 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	5.6 mg/kg		5.6 mg/kg	0.00056 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	3.2 mg/kg		3.2 mg/kg	0.00032 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				15 mg/kg		15 mg/kg	0.0015 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0094 %		

Key

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

Classification of sample: WS33

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

Sample details

Sample Name:	LoW Code:
WS33	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-581-5	85-01-8								
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-371-1	120-12-7								
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-912-4	206-44-0								
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-927-3	129-00-0								
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				2.8 mg/kg		2.8 mg/kg	0.00028 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				5.1 mg/kg		5.1 mg/kg	0.00051 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				12 mg/kg	1.74	20.878 mg/kg	0.00209 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	4.5 mg/kg		4.5 mg/kg	0.00045 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	1.2 mg/kg		1.2 mg/kg	0.00012 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				12 mg/kg		12 mg/kg	0.0012 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.00729 %		

Key

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

Classification of sample: WS12

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

Sample details

Sample Name:	LoW Code:
WS12	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.4 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7								
7	phenanthrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8								
8	anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7								
9	fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0								
10	pyrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0								
11	benzo[a]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				12 mg/kg		12 mg/kg	0.0012 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				25 mg/kg		25 mg/kg	0.0025 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				27 mg/kg	1.74	46.974 mg/kg	0.0047 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	15 mg/kg		15 mg/kg	0.0015 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	20 mg/kg		20 mg/kg	0.002 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				39 mg/kg		39 mg/kg	0.0039 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				51 mg/kg		51 mg/kg	0.0051 %		
			TPH							
Total:								0.0215 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is the hazardous waste threshold for non-diesel

TPH

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0051%)

Classification of sample: WS12 - 1

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

Sample details

Sample Name:	LoW Code:	
WS12 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.8 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				1.8 mg/kg		1.8 mg/kg	0.00018 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				6.5 mg/kg		6.5 mg/kg	0.00065 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				10 mg/kg	1.74	17.398 mg/kg	0.00174 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	3 mg/kg		3 mg/kg	0.0003 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	1.9 mg/kg		1.9 mg/kg	0.00019 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				11 mg/kg		11 mg/kg	0.0011 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.0068 %		

Key

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

Classification of sample: WS11

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

Sample details

Sample Name:	LoW Code:	
WS11	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				4.3 mg/kg		4.3 mg/kg	0.00043 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				8.6 mg/kg		8.6 mg/kg	0.00086 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				12 mg/kg	1.74	20.878 mg/kg	0.00209 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6.8 mg/kg		6.8 mg/kg	0.00068 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	1.8 mg/kg		1.8 mg/kg	0.00018 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				12 mg/kg		12 mg/kg	0.0012 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<120 mg/kg		<120 mg/kg	<0.012 %		<LOD	
			TPH								
Total:									0.0181 %		

Key

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

Classification of sample: WS64a

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

Sample details

Sample Name:	LoW Code:	
WS64a	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-883-8	191-24-2								
19	arsenic { arsenic }				6.3 mg/kg		6.3 mg/kg	0.00063 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %			<LOD
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %			<LOD
	024-017-00-8										
22	chromium(III) oxide (worst case)				23 mg/kg		23 mg/kg	0.0023 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				14 mg/kg	1.74	24.357 mg/kg	0.00244 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6.4 mg/kg		6.4 mg/kg	0.00064 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	15 mg/kg		15 mg/kg	0.0015 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				12 mg/kg		12 mg/kg	0.0012 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				500 mg/kg		500 mg/kg	0.05 %			
			TPH								
								Total:	0.0593 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is the hazardous waste threshold for non-diesel

TPH

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.05%)

Classification of sample: WS64a - 1

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

Sample details

Sample Name:	LoW Code:	
WS64a - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				6.3 mg/kg		6.3 mg/kg	0.00063 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				11 mg/kg		11 mg/kg	0.0011 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				13 mg/kg	1.74	22.617 mg/kg	0.00226 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	8.1 mg/kg		8.1 mg/kg	0.00081 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	2.2 mg/kg		2.2 mg/kg	0.00022 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				16 mg/kg		16 mg/kg	0.0016 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.00926 %		

Key

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

Classification of sample: WS29

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

Sample details

Sample Name:	LoW Code:
WS29	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:
0.3 m	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7								
7	phenanthrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8								
8	anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7								
9	fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0								
10	pyrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0								
11	benzo[a]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				3.2 mg/kg		3.2 mg/kg	0.00032 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				6.6 mg/kg		6.6 mg/kg	0.00066 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				11 mg/kg	1.74	19.138 mg/kg	0.00191 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	10 mg/kg		10 mg/kg	0.001 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	1.6 mg/kg		1.6 mg/kg	0.00016 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				12 mg/kg		12 mg/kg	0.0012 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<		<	<		ND
	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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.00789 %		

Key

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

Classification of sample: WS29 - 1

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

Sample details

Sample Name:	LoW Code:	
WS29 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.3 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				4.6 mg/kg		4.6 mg/kg	0.00046 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				19 mg/kg		19 mg/kg	0.0019 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				11 mg/kg	1.74	19.138 mg/kg	0.00191 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	10 mg/kg		10 mg/kg	0.001 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	6 mg/kg		6 mg/kg	0.0006 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				20 mg/kg		20 mg/kg	0.002 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0105 %		

Key

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

Classification of sample: WS24

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

Sample details

Sample Name:	LoW Code:
WS24	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.15 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7								
7	phenanthrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8								
8	anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7								
9	fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0								
10	pyrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0								
11	benzo[a]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				8.7 mg/kg		8.7 mg/kg	0.00087 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				23 mg/kg		23 mg/kg	0.0023 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				20 mg/kg	1.74	34.796 mg/kg	0.00348 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	21 mg/kg		21 mg/kg	0.0021 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	12 mg/kg		12 mg/kg	0.0012 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				36 mg/kg		36 mg/kg	0.0036 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0162 %		

Key

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

Classification of sample: WS24 - 1

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

Sample details

Sample Name:	LoW Code:
WS24 - 1	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				16 mg/kg		16 mg/kg	0.0016 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				19 mg/kg		19 mg/kg	0.0019 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				20 mg/kg	1.74	34.796 mg/kg	0.00348 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	9.7 mg/kg		9.7 mg/kg	0.00097 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	5.1 mg/kg		5.1 mg/kg	0.00051 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				20 mg/kg		20 mg/kg	0.002 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0131 %		

Key

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

Classification of sample: WS25

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

Sample details

Sample Name:	LoW Code:
WS25	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-581-5	85-01-8								
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-371-1	120-12-7								
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-912-4	206-44-0								
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		204-927-3	129-00-0								
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				8.1 mg/kg		8.1 mg/kg	0.00081 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				22 mg/kg		22 mg/kg	0.0022 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				14 mg/kg	1.74	24.357 mg/kg	0.00244 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	22 mg/kg		22 mg/kg	0.0022 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	7.3 mg/kg		7.3 mg/kg	0.00073 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				33 mg/kg		33 mg/kg	0.0033 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0143 %		

Key

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

Appendix A: Classifier defined and non CLP determinands

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

CLP index number: 006-007-00-5

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

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

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

Reason for additional Hazards Statement(s):

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

- **monohydric phenols** (CAS Number: P1186)

Description/Comments: Combined hazards statements from harmonised entries in CLP for phenol, cresols and xylenols (604-001-00-2, 604-004-00-9, 604-006-00-X)

Data source: CLP combined data

Data source date: 26 Mar 2019

Hazard Statements: Acute Tox. 3 H301 , Acute Tox. 3 H311 , Acute Tox. 3 H331 , Skin Corr. 1B H314 , Skin Corr. 1B H314 >= 3 % , Skin Irrit. 2 H315 1 £ conc. < 3 % , Eye Irrit. 2 H319 1 £ conc. < 3 % , Muta. 2 H341 , STOT RE 2 H373 , Aquatic Chronic 2 H411

- **acenaphthylene** (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

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

- **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

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

CLP index number: 033-001-00-X
Description/Comments: Worst Case: IARC considers arsenic Group 1; Carcinogenic to humans
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

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

CLP index number: 048-001-00-5
Description/Comments: Worst Case: IARC considers cadmium compounds Group 1; Carcinogenic to humans
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

chromium(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 (worst case)

CLP index number: 082-001-00-6
Description/Comments: Worst Case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following CLP protocols, considers lead compounds from smelting industries, flue dust and similar to be Carcinogenic category 1A
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html (worst case lead compounds). Review date 29/09/2015

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

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

confirm TPH has NOT arisen from diesel or petrol

Description/Comments: Chapter 3, section 4b requires a positive confirmation for benzo[a]pyrene to be used as a marker in evaluating Carc. 1B; H350 (HP 7) and Muta. 1B; H340 (HP 11)
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

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

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , STOT RE 2 H373 , Muta. 1B H340 , Carc. 1B H350 , Repr. 2 H361d , Aquatic Chronic 2 H411

Appendix B: Rationale for selection of metal species

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)

default species setting as total cyanide recorded

arsenic {arsenic}

default setting as general arsenic analysis by the lab

copper {copper(II) carbonate – copper(II) hydroxide (1:1)}

With site specific possible source this species covers most usages.

mercury {mercury}

General mercury as laboratories generally report the elemental mercury rather than the inorganic

nickel {nickel}

As no details as to the nickel tested or past usages of the site the general nickel has been used for the assessment

zinc {zinc powder - zinc dust (stabilised)}

Covers most of the possible likely sources of zinc within the soils

Appendix C: VersionHazWasteOnline Classification Engine: **WM3 1st Edition v1.1, May 2018**

HazWasteOnline Classification Engine Version: 2021.22.4616.8916 (22 Jan 2021)

HazWasteOnline Database: 2021.22.4616.8916 (22 Jan 2021)

This classification utilises the following guidance and legislation:

WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018**CLP Regulation** - Regulation 1272/2008/EC of 16 December 2008**1st ATP** - Regulation 790/2009/EC of 10 August 2009**2nd ATP** - Regulation 286/2011/EC of 10 March 2011**3rd ATP** - Regulation 618/2012/EU of 10 July 2012**4th ATP** - Regulation 487/2013/EU of 8 May 2013**Correction to 1st ATP** - Regulation 758/2013/EU of 7 August 2013**5th ATP** - Regulation 944/2013/EU of 2 October 2013**6th ATP** - Regulation 605/2014/EU of 5 June 2014**WFD Annex III replacement** - Regulation 1357/2014/EU of 18 December 2014**Revised List of Waste 2014** - Decision 2014/955/EU of 18 December 2014**7th ATP** - Regulation 2015/1221/EU of 24 July 2015**8th ATP** - Regulation (EU) 2016/918 of 19 May 2016**9th ATP** - Regulation (EU) 2016/1179 of 19 July 2016**10th ATP** - Regulation (EU) 2017/776 of 4 May 2017**HP14 amendment** - Regulation (EU) 2017/997 of 8 June 2017**13th ATP** - Regulation (EU) 2018/1480 of 4 October 2018**14th ATP** - Regulation (EU) 2020/217 of 4 October 2019**15th ATP** - Regulation (EU) 2020/1182 of 19 May 2020**The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit)****Regulations 2019** - UK: 2019 No. 720 of 27th March 2019**The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit)****Regulations 2020** - UK: 2020 No. 1567 of 16th December 2020**The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020** - UK:

2020 No. 1540 of 16th December 2020

POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

Waste Classification Report



2WKXD-2C55N-9N6AB

Job name

Batch 5 - i2 report 21-51746 with quants

Description/Comments

Project

Paragon

Site

Longcross

Related Documents

#	Name	Description
None		

Waste Stream Template

Paragon

Classified by

Name: Richard Blaney	Company: Forge Environmental Management Ltd	HazWasteOnline™ Training Record:	
Date: 01 Feb 2021 10:51 GMT	The Forge, Lower Vagg	Course	Date
Telephone: 01935 840 346	Chilthorne Domer	Hazardous Waste Classification	-
	Yeovil	Advanced Hazardous Waste Classification	-
	BA21 3PY		

Report

Created by: Richard Blaney
Created date: 01 Feb 2021 10:51 GMT


Job summary

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
1	WS69b	0.5	Non Hazardous		3
2	WS61a	0.5	Non Hazardous		6
3	WS61b	0.2	Non Hazardous		9
4	WS01	0.2	Non Hazardous		12
5	WS01 - 1	0.5	Non Hazardous		15
6	WS18b	0.5	Non Hazardous		17
7	WS17a	0.3	Non Hazardous		19
8	WS07	0.3	Non Hazardous		21
9	WS07 - 1	0.8	Non Hazardous		23
10	WS03	0.05	Non Hazardous		25
11	WS03 - 1	0.5	Non Hazardous		27
12	WS02	0.1	Non Hazardous		29
13	WS10	0.25	Non Hazardous		32
14	WS10 - 1	0.5	Non Hazardous		34
15	WS05	0.2	Non Hazardous		36
16	WS05 - 1	0.5	Non Hazardous		38

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
17	WS06	0.2	Non Hazardous		40
18	WS06 - 1	0.5	Non Hazardous		43

Appendices					Page
Appendix A: Classifier defined and non CLP determinands					45
Appendix B: Rationale for selection of metal species					46
Appendix C: Version					47

Classification of sample: WS69b

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

Sample details

Sample Name:	LoW Code:	
WS69b	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				1 mg/kg		1 mg/kg	0.0001 %		
		201-581-5	85-01-8							
8	anthracene				0.31 mg/kg		0.31 mg/kg	0.000031 %		
		204-371-1	120-12-7							
9	fluoranthene				3.9 mg/kg		3.9 mg/kg	0.00039 %		
		205-912-4	206-44-0							
10	pyrene				3.4 mg/kg		3.4 mg/kg	0.00034 %		
		204-927-3	129-00-0							
11	benzo[a]anthracene				2.6 mg/kg		2.6 mg/kg	0.00026 %		
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				1.7 mg/kg		1.7 mg/kg	0.00017 %		
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				2.2 mg/kg		2.2 mg/kg	0.00022 %		
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				1 mg/kg		1 mg/kg	0.0001 %		
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				1.8 mg/kg		1.8 mg/kg	0.00018 %		
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				1.1 mg/kg		1.1 mg/kg	0.00011 %		
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				0.29 mg/kg		0.29 mg/kg	0.000029 %		
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				0.99 mg/kg		0.99 mg/kg	0.000099 %		
		205-883-8	191-24-2							
19	arsenic { arsenic }				11 mg/kg		11 mg/kg	0.0011 %		
		033-001-00-X	231-148-6							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
		048-001-00-5								
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
		024-017-00-8								
22	chromium(III) oxide (worst case)				24 mg/kg		24 mg/kg	0.0024 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				26 mg/kg	1.74	45.235 mg/kg	0.00452 %		
		029-020-00-8	235-113-6							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	120 mg/kg		120 mg/kg	0.012 %		
		082-001-00-6								
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
		080-001-00-0	231-106-7							
26	nickel { nickel }			7	11 mg/kg		11 mg/kg	0.0011 %		
		028-002-00-7	231-111-4							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
		034-002-00-8								
28	zinc { zinc powder - zinc dust (stabilised) }				82 mg/kg		82 mg/kg	0.0082 %		
		030-001-01-9	231-175-3							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-023-00-4	202-849-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				90 mg/kg		90 mg/kg	0.009 %		
			TPH							
Total:								0.0409 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is the hazardous waste threshold for non-diesel TPH's

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: WS61a

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

Sample details

Sample Name:	LoW Code:	
WS61a	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
	006-007-00-5										
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
			P1186								
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-917-1	208-96-8								
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-695-5	86-73-7								
7	phenanthrene				0.93 mg/kg		0.93 mg/kg	0.000093 %			
		201-581-5	85-01-8								
8	anthracene				1 mg/kg		1 mg/kg	0.0001 %			
		204-371-1	120-12-7								
9	fluoranthene				1.4 mg/kg		1.4 mg/kg	0.00014 %			
		205-912-4	206-44-0								
10	pyrene				1.2 mg/kg		1.2 mg/kg	0.00012 %			
		204-927-3	129-00-0								
11	benzo[a]anthracene				0.89 mg/kg		0.89 mg/kg	0.000089 %			
	601-033-00-9	200-280-6	56-55-3								
12	chrysene				0.63 mg/kg		0.63 mg/kg	0.000063 %			
	601-048-00-0	205-923-4	218-01-9								
13	benzo[b]fluoranthene				0.92 mg/kg		0.92 mg/kg	0.000092 %			
	601-034-00-4	205-911-9	205-99-2								
14	benzo[k]fluoranthene				0.44 mg/kg		0.44 mg/kg	0.000044 %			
	601-036-00-5	205-916-6	207-08-9								
15	benzo[a]pyrene; benzo[def]chrysene				0.76 mg/kg		0.76 mg/kg	0.000076 %			
	601-032-00-3	200-028-5	50-32-8								
16	indeno[123-cd]pyrene				0.47 mg/kg		0.47 mg/kg	0.000047 %			
		205-893-2	193-39-5								
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-041-00-2	200-181-8	53-70-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				0.45 mg/kg		0.45 mg/kg	0.000045 %		
		205-883-8	191-24-2							
19	arsenic { arsenic }				5 mg/kg		5 mg/kg	0.0005 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				13 mg/kg		13 mg/kg	0.0013 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				22 mg/kg	1.74	38.275 mg/kg	0.00383 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	46 mg/kg		46 mg/kg	0.0046 %		
	082-001-00-6									
25	mercury { mercury }				0.5 mg/kg		0.5 mg/kg	0.00005 %		
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	6.2 mg/kg		6.2 mg/kg	0.00062 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				130 mg/kg		130 mg/kg	0.013 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				77 mg/kg		77 mg/kg	0.0077 %		
			TPH							
Total:								0.0331 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is the hazardous waste threshold for non-diesel TPH's


Hazard Statements hit:

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

Because of determinand:

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

Classification of sample: WS61b

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

Sample details

Sample Name:	LoW Code:	
WS61b	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m		

Hazard properties

None identified

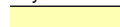



Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	asbestos				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5							
2	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
3	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
4	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
5	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
6	acenaphthene				0.3 mg/kg		0.3 mg/kg	0.00003 %		
		201-469-6	83-32-9							
7	fluorene				0.22 mg/kg		0.22 mg/kg	0.000022 %		
		201-695-5	86-73-7							
8	phenanthrene				2.7 mg/kg		2.7 mg/kg	0.00027 %		
		201-581-5	85-01-8							
9	anthracene				0.54 mg/kg		0.54 mg/kg	0.000054 %		
		204-371-1	120-12-7							
10	fluoranthene				3.9 mg/kg		3.9 mg/kg	0.00039 %		
		205-912-4	206-44-0							
11	pyrene				3.2 mg/kg		3.2 mg/kg	0.00032 %		
		204-927-3	129-00-0							
12	benzo[a]anthracene				2.2 mg/kg		2.2 mg/kg	0.00022 %		
	601-033-00-9	200-280-6	56-55-3							
13	chrysene				1.6 mg/kg		1.6 mg/kg	0.00016 %		
	601-048-00-0	205-923-4	218-01-9							
14	benzo[b]fluoranthene				1.9 mg/kg		1.9 mg/kg	0.00019 %		
	601-034-00-4	205-911-9	205-99-2							
15	benzo[k]fluoranthene				0.98 mg/kg		0.98 mg/kg	0.000098 %		
	601-036-00-5	205-916-6	207-08-9							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
16	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 200-028-5 50-32-8				1.7 mg/kg		1.7 mg/kg	0.00017 %			
17	indeno[123-cd]pyrene 205-893-2 193-39-5				0.95 mg/kg		0.95 mg/kg	0.000095 %			
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
19	benzo[ghi]perylene 205-883-8 191-24-2				0.88 mg/kg		0.88 mg/kg	0.000088 %			
20	arsenic { arsenic } 033-001-00-X 231-148-6 7440-38-2				6.2 mg/kg		6.2 mg/kg	0.00062 %			
21	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex 048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %			
22	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex 024-017-00-8				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
23	chromium(III) oxide (worst case) 215-160-9 1308-38-9				17 mg/kg		17 mg/kg	0.0017 %			
24	copper { copper(II) carbonate – copper(II) hydroxide (1:1) } 029-020-00-8 235-113-6 12069-69-1				33 mg/kg	1.74	57.413 mg/kg	0.00574 %			
25	lead compounds with the exception of those specified elsewhere in this Annex (worst case) 082-001-00-6			1	100 mg/kg		100 mg/kg	0.01 %			
26	mercury { mercury } 080-001-00-0 231-106-7 7439-97-6				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
27	nickel { nickel } 028-002-00-7 231-111-4 7440-02-0			7	12 mg/kg		12 mg/kg	0.0012 %			
28	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex 034-002-00-8				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
29	zinc { zinc powder - zinc dust (stabilised) } 030-001-01-9 231-175-3 7440-66-6				160 mg/kg		160 mg/kg	0.016 %			
30	benzene 601-020-00-8 200-753-7 71-43-2				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
31	toluene 601-021-00-3 203-625-9 108-88-3				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
32	ethylbenzene 601-023-00-4 202-849-4 100-41-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
33	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] 601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] 203-576-3 [3] 108-38-3 [3] 215-535-7 [4] 1330-20-7 [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
34	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X 216-653-1 1634-04-4				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
35	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
36	TPH (C6 to C40) petroleum group TPH				184 mg/kg		184 mg/kg	0.0184 %			
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected

CLP: Note 1 Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is the hazardous waste threshold for non-diesel

TPH's

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0184%)

Classification of sample: WS01

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

Sample details

Sample Name:	LoW Code:	
WS01	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m		

Hazard properties

None identified


Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	asbestos				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
	650-013-00-6	-----	12001-28-4							
			132207-32-0							
			12172-73-5							
			77536-66-4							
2	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
3	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
4	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
5	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
6	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
7	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
8	phenanthrene				1.2 mg/kg		1.2 mg/kg	0.00012 %		
		201-581-5	85-01-8							
9	anthracene				0.27 mg/kg		0.27 mg/kg	0.000027 %		
		204-371-1	120-12-7							
10	fluoranthene				2.9 mg/kg		2.9 mg/kg	0.00029 %		
		205-912-4	206-44-0							
11	pyrene				2.4 mg/kg		2.4 mg/kg	0.00024 %		
		204-927-3	129-00-0							
12	benzo[a]anthracene				1.8 mg/kg		1.8 mg/kg	0.00018 %		
	601-033-00-9	200-280-6	56-55-3							
13	chrysene				1.4 mg/kg		1.4 mg/kg	0.00014 %		
	601-048-00-0	205-923-4	218-01-9							
14	benzo[b]fluoranthene				1.7 mg/kg		1.7 mg/kg	0.00017 %		
	601-034-00-4	205-911-9	205-99-2							
15	benzo[k]fluoranthene				0.76 mg/kg		0.76 mg/kg	0.000076 %		
	601-036-00-5	205-916-6	207-08-9							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
16	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 200-028-5 50-32-8				1.3 mg/kg		1.3 mg/kg	0.00013 %		
17	indeno[123-cd]pyrene 205-893-2 193-39-5				0.69 mg/kg		0.69 mg/kg	0.000069 %		
18	dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	benzo[ghi]perylene 205-883-8 191-24-2				0.68 mg/kg		0.68 mg/kg	0.000068 %		
20	arsenic { arsenic } 033-001-00-X 231-148-6 7440-38-2				9.6 mg/kg		9.6 mg/kg	0.00096 %		
21	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex 048-001-00-5			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
22	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex 024-017-00-8				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
23	chromium(III) oxide (worst case) 215-160-9 1308-38-9				16 mg/kg		16 mg/kg	0.0016 %		
24	copper { copper(II) carbonate – copper(II) hydroxide (1:1) } 029-020-00-8 235-113-6 12069-69-1				61 mg/kg	1.74	106.127 mg/kg	0.0106 %		
25	lead compounds with the exception of those specified elsewhere in this Annex (worst case) 082-001-00-6			1	52 mg/kg		52 mg/kg	0.0052 %		
26	mercury { mercury } 080-001-00-0 231-106-7 7439-97-6				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
27	nickel { nickel } 028-002-00-7 231-111-4 7440-02-0			7	22 mg/kg		22 mg/kg	0.0022 %		
28	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex 034-002-00-8				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
29	zinc { zinc powder - zinc dust (stabilised) } 030-001-01-9 231-175-3 7440-66-6				68 mg/kg		68 mg/kg	0.0068 %		
30	benzene 601-020-00-8 200-753-7 71-43-2				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
31	toluene 601-021-00-3 203-625-9 108-88-3				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
32	ethylbenzene 601-023-00-4 202-849-4 100-41-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
33	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] 601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] 203-576-3 [3] 108-38-3 [3] 215-535-7 [4] 1330-20-7 [4]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
34	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
35	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
36	TPH (C6 to C40) petroleum group TPH				232 mg/kg		232 mg/kg	0.0232 %		
								Total:	0.0537 %	

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is the hazardous waste threshold for non-diesel

TPH's

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0232%)

Classification of sample: WS01 - 1

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

Sample details

Sample Name:	LoW Code:	
WS01 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				2.8 mg/kg		2.8 mg/kg	0.00028 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				6.8 mg/kg		6.8 mg/kg	0.00068 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				16 mg/kg	1.74	27.837 mg/kg	0.00278 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	5.8 mg/kg		5.8 mg/kg	0.00058 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	1.9 mg/kg		1.9 mg/kg	0.00019 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				11 mg/kg		11 mg/kg	0.0011 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.00825 %		

Key

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

Classification of sample: WS18b

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

Sample details

Sample Name:	LoW Code:	
WS18b	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				0.46 mg/kg		0.46 mg/kg	0.000046 %		
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				0.46 mg/kg		0.46 mg/kg	0.000046 %		
		205-912-4	206-44-0							
10	pyrene				0.44 mg/kg		0.44 mg/kg	0.000044 %		
		204-927-3	129-00-0							
11	benzo[a]anthracene				0.37 mg/kg		0.37 mg/kg	0.000037 %		
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				0.27 mg/kg		0.27 mg/kg	0.000027 %		
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				8.5 mg/kg		8.5 mg/kg	0.00085 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				21 mg/kg		21 mg/kg	0.0021 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				88 mg/kg	1.74	153.102 mg/kg	0.0153 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	23 mg/kg		23 mg/kg	0.0023 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	96 mg/kg		96 mg/kg	0.0096 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				100 mg/kg		100 mg/kg	0.01 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.043 %		

Key

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

Classification of sample: WS17a

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

Sample details

Sample Name:	LoW Code:	
WS17a	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.3 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				5.6 mg/kg		5.6 mg/kg	0.00056 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				16 mg/kg		16 mg/kg	0.0016 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				22 mg/kg	1.74	38.275 mg/kg	0.00383 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6.1 mg/kg		6.1 mg/kg	0.00061 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	4.3 mg/kg		4.3 mg/kg	0.00043 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				22 mg/kg		22 mg/kg	0.0022 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.0119 %		

Key

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

Classification of sample: WS07

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

Sample details

Sample Name:	LoW Code:	
WS07	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.3 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				18 mg/kg		18 mg/kg	0.0018 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				19 mg/kg		19 mg/kg	0.0019 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				49 mg/kg	1.74	85.25 mg/kg	0.00852 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	53 mg/kg		53 mg/kg	0.0053 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	31 mg/kg		31 mg/kg	0.0031 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				110 mg/kg		110 mg/kg	0.011 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.0343 %		

Key

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

Classification of sample: WS07 - 1

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

Sample details

Sample Name:	LoW Code:	
WS07 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.8 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				2.5 mg/kg		2.5 mg/kg	0.00025 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				7.8 mg/kg		7.8 mg/kg	0.00078 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				16 mg/kg	1.74	27.837 mg/kg	0.00278 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	5.3 mg/kg		5.3 mg/kg	0.00053 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	2.7 mg/kg		2.7 mg/kg	0.00027 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				18 mg/kg		18 mg/kg	0.0018 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.00905 %		

Key

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

Classification of sample: WS03

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

Sample details

Sample Name:	LoW Code:	
WS03	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.05 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				8.7 mg/kg		8.7 mg/kg	0.00087 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				15 mg/kg		15 mg/kg	0.0015 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				36 mg/kg	1.74	62.633 mg/kg	0.00626 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	32 mg/kg		32 mg/kg	0.0032 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	17 mg/kg		17 mg/kg	0.0017 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				82 mg/kg		82 mg/kg	0.0082 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.0244 %		

Key

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

Classification of sample: WS03 - 1

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

Sample details

Sample Name:	LoW Code:	
WS03 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				5.4 mg/kg		5.4 mg/kg	0.00054 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				8.4 mg/kg		8.4 mg/kg	0.00084 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				15 mg/kg	1.74	26.097 mg/kg	0.00261 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	4.7 mg/kg		4.7 mg/kg	0.00047 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	2.7 mg/kg		2.7 mg/kg	0.00027 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				16 mg/kg		16 mg/kg	0.0016 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.00897 %		

Key

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

Classification of sample: WS02

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

Sample details

Sample Name:	LoW Code:	
WS02	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.1 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				0.62 mg/kg		0.62 mg/kg	0.000062 %		
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				0.85 mg/kg		0.85 mg/kg	0.000085 %		
		205-912-4	206-44-0							
10	pyrene				0.68 mg/kg		0.68 mg/kg	0.000068 %		
		204-927-3	129-00-0							
11	benzo[a]anthracene				0.46 mg/kg		0.46 mg/kg	0.000046 %		
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				0.41 mg/kg		0.41 mg/kg	0.000041 %		
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				0.45 mg/kg		0.45 mg/kg	0.000045 %		
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				0.2 mg/kg		0.2 mg/kg	0.00002 %		
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				0.34 mg/kg		0.34 mg/kg	0.000034 %		
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				6 mg/kg		6 mg/kg	0.0006 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				15 mg/kg		15 mg/kg	0.0015 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				30 mg/kg	1.74	52.194 mg/kg	0.00522 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	18 mg/kg		18 mg/kg	0.0018 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	16 mg/kg		16 mg/kg	0.0016 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				38 mg/kg		38 mg/kg	0.0038 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				807 mg/kg		807 mg/kg	0.0807 %			
			TPH								
								Total:	0.0962 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is the hazardous waste threshold for non-diesel TPH's

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0807%)

Classification of sample: WS10

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

Sample details

Sample Name:	LoW Code:	
WS10	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.25 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				15 mg/kg		15 mg/kg	0.0015 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				14 mg/kg		14 mg/kg	0.0014 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				18 mg/kg	1.74	31.316 mg/kg	0.00313 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	9.2 mg/kg		9.2 mg/kg	0.00092 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	2.2 mg/kg		2.2 mg/kg	0.00022 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				16 mg/kg		16 mg/kg	0.0016 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0114 %		

Key

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

Classification of sample: WS10 - 1

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

Sample details

Sample Name:	LoW Code:	
WS10 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				7.7 mg/kg		7.7 mg/kg	0.00077 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				17 mg/kg		17 mg/kg	0.0017 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				31 mg/kg	1.74	53.934 mg/kg	0.00539 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	23 mg/kg		23 mg/kg	0.0023 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	12 mg/kg		12 mg/kg	0.0012 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				42 mg/kg		42 mg/kg	0.0042 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0182 %		

Key

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

Classification of sample: WS05

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

Sample details

Sample Name:	LoW Code:
WS05	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				8.1 mg/kg		8.1 mg/kg	0.00081 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				14 mg/kg		14 mg/kg	0.0014 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				43 mg/kg	1.74	74.811 mg/kg	0.00748 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	16 mg/kg		16 mg/kg	0.0016 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	22 mg/kg		22 mg/kg	0.0022 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				40 mg/kg		40 mg/kg	0.004 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.0201 %		

Key

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

Classification of sample: WS05 - 1

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

Sample details

Sample Name:	LoW Code:	
WS05 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				3.7 mg/kg		3.7 mg/kg	0.00037 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				9.2 mg/kg		9.2 mg/kg	0.00092 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				14 mg/kg	1.74	24.357 mg/kg	0.00244 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	6.1 mg/kg		6.1 mg/kg	0.00061 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	1.5 mg/kg		1.5 mg/kg	0.00015 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				13 mg/kg		13 mg/kg	0.0013 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
Total:								0.00843 %		

Key

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

Classification of sample: WS06

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

Sample details

Sample Name:	LoW Code:
WS06	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m	

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
2	monohydric phenols				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			P1186									
3	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
4	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									
5	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
6	fluorene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7									
7	phenanthrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8									
8	anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7									
9	fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0									
10	pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0									
11	benzo[a]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
12	chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
13	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
14	benzo[k]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
15	benzo[a]pyrene; benzo[def]chrysene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
16	indeno[123-cd]pyrene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5									
17	dibenz[a,h]anthracene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
19	arsenic { arsenic }				6 mg/kg		6 mg/kg	0.0006 %		
	033-001-00-X	231-148-6	7440-38-2							
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	048-001-00-5									
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD
	024-017-00-8									
22	chromium(III) oxide (worst case)				14 mg/kg		14 mg/kg	0.0014 %		
		215-160-9	1308-38-9							
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				20 mg/kg	1.74	34.796 mg/kg	0.00348 %		
	029-020-00-8	235-113-6	12069-69-1							
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	10 mg/kg		10 mg/kg	0.001 %		
	082-001-00-6									
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
26	nickel { nickel }			7	10 mg/kg		10 mg/kg	0.001 %		
	028-002-00-7	231-111-4	7440-02-0							
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-002-00-8									
28	zinc { zinc powder - zinc dust (stabilised) }				18 mg/kg		18 mg/kg	0.0018 %		
	030-001-01-9	231-175-3	7440-66-6							
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
31	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]							
33	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							
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
35	TPH (C6 to C40) petroleum group				43 mg/kg		43 mg/kg	0.0043 %		
			TPH							
								Total:	0.0142 %	

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 1000mg/kg is the hazardous waste threshold for non-diesel TPH's

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: WS06 - 1

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

Sample details

Sample Name:	LoW Code:	
WS06 - 1	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m		

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
2	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1186							
3	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
4	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
5	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
6	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
7	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
8	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
9	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
10	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
11	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
12	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
13	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
14	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
15	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
16	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
17	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
18	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD	
		205-883-8	191-24-2								
19	arsenic { arsenic }				1.7 mg/kg		1.7 mg/kg	0.00017 %			
	033-001-00-X	231-148-6	7440-38-2								
20	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex			1	<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD	
	048-001-00-5										
21	chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex				<1.2 mg/kg		<1.2 mg/kg	<0.00012 %		<LOD	
	024-017-00-8										
22	chromium(III) oxide (worst case)				10 mg/kg		10 mg/kg	0.001 %			
		215-160-9	1308-38-9								
23	copper { copper(II) carbonate – copper(II) hydroxide (1:1) }				5.7 mg/kg	1.74	9.917 mg/kg	0.000992 %			
	029-020-00-8	235-113-6	12069-69-1								
24	lead compounds with the exception of those specified elsewhere in this Annex (worst case)			1	7.7 mg/kg		7.7 mg/kg	0.00077 %			
	082-001-00-6										
25	mercury { mercury }				<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD	
	080-001-00-0	231-106-7	7439-97-6								
26	nickel { nickel }			7	2 mg/kg		2 mg/kg	0.0002 %			
	028-002-00-7	231-111-4	7440-02-0								
27	selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD	
	034-002-00-8										
28	zinc { zinc powder - zinc dust (stabilised) }				6.2 mg/kg		6.2 mg/kg	0.00062 %			
	030-001-01-9	231-175-3	7440-66-6								
29	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-020-00-8	200-753-7	71-43-2								
30	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
	601-021-00-3	203-625-9	108-88-3								
31	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
	601-023-00-4	202-849-4	100-41-4								
32	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<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]								
33	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								
34	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
35	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD	
			TPH								
Total:									0.00639 %		

Key

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

Appendix A: Classifier defined and non CLP determinands

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

CLP index number: 006-007-00-5

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

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

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

Reason for additional Hazards Statement(s):

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

- **monohydric phenols (CAS Number: P1186)**

Description/Comments: Combined hazards statements from harmonised entries in CLP for phenol, cresols and xylenols (604-001-00-2, 604-004-00-9, 604-006-00-X)

Data source: CLP combined data

Data source date: 26 Mar 2019

Hazard Statements: Acute Tox. 3 H301 , Acute Tox. 3 H311 , Acute Tox. 3 H331 , Skin Corr. 1B H314 , Skin Corr. 1B H314 >= 3 % , Skin Irrit. 2 H315 1 £ conc. < 3 % , Eye Irrit. 2 H319 1 £ conc. < 3 % , Muta. 2 H341 , STOT RE 2 H373 , Aquatic Chronic 2 H411

- **acenaphthylene (EC Number: 205-917-1, CAS Number: 208-96-8)**

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

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

- **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

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

CLP index number: 033-001-00-X
Description/Comments: Worst Case: IARC considers arsenic Group 1; Carcinogenic to humans
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

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

CLP index number: 048-001-00-5
Description/Comments: Worst Case: IARC considers cadmium compounds Group 1; Carcinogenic to humans
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

- **chromium(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 (worst case)**

CLP index number: 082-001-00-6
Description/Comments: Worst Case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following CLP protocols, considers lead compounds from smelting industries, flue dust and similar to be Carcinogenic category 1A
Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)
Additional Hazard Statement(s): Carc. 1A H350
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html (worst case lead compounds). Review date 29/09/2015

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

CLP index number: 601-023-00-4
Description/Comments:
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

- **confirm TPH has NOT arisen from diesel or petrol**

Description/Comments: Chapter 3, section 4b requires a positive confirmation for benzo[a]pyrene to be used as a marker in evaluating Carc. 1B; H350 (HP 7) and Muta. 1B; H340 (HP 11)
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

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

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , STOT RE 2 H373 , Muta. 1B H340 , Carc. 1B H350 , Repr. 2 H361d , Aquatic Chronic 2 H411

Appendix B: Rationale for selection of metal species

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}

default species setting as total cyanide recorded

arsenic {arsenic}

default setting as general arsenic analysis by the lab

copper {copper(II) carbonate – copper(II) hydroxide (1:1)}

With site specific possible source this species covers most usages.

mercury {mercury}

General mercury as laboratories generally report the elemental mercury rather than the inorganic

nickel {nickel}

As no details as to the nickel tested or past usages of the site the general nickel has been used for the assessment

zinc {zinc powder - zinc dust (stabilised)}

Covers most of the possible likely sources of zinc within the soils

Appendix C: Version

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

HazWasteOnline Classification Engine Version: 2021.22.4616.8916 (22 Jan 2021)

HazWasteOnline Database: 2021.22.4616.8916 (22 Jan 2021)

This classification utilises the following guidance and legislation:

WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Regulations 2019 - UK: 2019 No. 720 of 27th March 2019

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

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

The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK:

2020 No. 1540 of 16th December 2020

POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

APPENDIX 7: WAC TEST RESULTS

i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761878 / 1761879			Landfill Waste Acceptance Criteria		
Sampling Date	11/01/2021			Limits		
Sample ID	WS47			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.10					
Solid Waste Analysis						
TOC (%)**	1.5			3%	5%	6%
Loss on Ignition (%) **	2.6			--	--	10%
BTEX (µg/kg) **	-			6000	--	--
Sum of PCBs (mg/kg) **	-			1	--	--
Mineral Oil (mg/kg)	-			500	--	--
Total PAH (WAC-17) (mg/kg)	-			100	--	--
pH (units)**	11.7			--	>6	--
Acid Neutralisation Capacity (mol / kg)	120			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0010		< 0.0100	0.5	2	25
Barium *	0.0137		0.121	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.010		0.092	0.5	10	70
Copper *	0.0034		0.030	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0004		< 0.0040	0.5	10	30
Nickel *	0.0019		0.017	0.4	10	40
Lead *	< 0.0010		< 0.010	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0045		0.040	4	50	200
Chloride *	7.6		67	800	15000	25000
Fluoride	0.086		0.76	10	150	500
Sulphate *	15		140	1000	20000	50000
TDS*	400		3500	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	3.19		28.2	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.7					
Dry Matter (%)	96					
Moisture (%)	4.2					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761880 / 1761881			Landfill Waste Acceptance Criteria		
Sampling Date	12/01/2021			Limits		
Sample ID	WS64			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.20					
Solid Waste Analysis						
TOC (%)**	1.0			3%	5%	6%
Loss on Ignition (%) **	3.3			--	--	10%
BTEX (µg/kg) **	-			6000	--	--
Sum of PCBs (mg/kg) **	-			1	--	--
Mineral Oil (mg/kg)	-			500	--	--
Total PAH (WAC-17) (mg/kg)	-			100	--	--
pH (units)**	10.0			--	>6	--
Acid Neutralisation Capacity (mol / kg)	35			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0010		< 0.0100	0.5	2	25
Barium *	0.0223		0.163	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.0025		0.019	0.5	10	70
Copper *	0.017		0.13	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0024		0.0172	0.5	10	30
Nickel *	0.0025		0.018	0.4	10	40
Lead *	0.0021		0.015	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.014		0.11	4	50	200
Chloride *	1.6		12	800	15000	25000
Fluoride	0.14		1.0	10	150	500
Sulphate *	12		89	1000	20000	50000
TDS*	63		460	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	7.24		52.9	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	2.0					
Dry Matter (%)	82					
Moisture (%)	18					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761882 / 1761883			Landfill Waste Acceptance Criteria		
Sampling Date	12/01/2021			Limits		
Sample ID	WS66			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.20					
Solid Waste Analysis						
TOC (%)**	3.1			3%	5%	6%
Loss on Ignition (%) **	5.9			--	--	10%
BTEX (µg/kg) **	-			6000	--	--
Sum of PCBs (mg/kg) **	-			1	--	--
Mineral Oil (mg/kg)	-			500	--	--
Total PAH (WAC-17) (mg/kg)	-			100	--	--
pH (units)**	8.3			--	>6	--
Acid Neutralisation Capacity (mol / kg)	9.8			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0010		< 0.0100	0.5	2	25
Barium *	0.0078		0.0720	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.0013		0.012	0.5	10	70
Copper *	0.0052		0.048	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0017		0.0157	0.5	10	30
Nickel *	0.0032		0.030	0.4	10	40
Lead *	0.0013		0.012	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0035		0.033	4	50	200
Chloride *	2.4		22	800	15000	25000
Fluoride	0.12		1.1	10	150	500
Sulphate *	6.1		57	1000	20000	50000
TDS*	47		430	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	8.65		79.9	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	2.0					
Dry Matter (%)	87					
Moisture (%)	13					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761884 / 1761885			Landfill Waste Acceptance Criteria		
Sampling Date	12/01/2021			Limits		
Sample ID	WS68			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.20					
Solid Waste Analysis						
TOC (%)**	0.8			3%	5%	6%
Loss on Ignition (%) **	1.5			--	--	10%
BTEX (µg/kg) **	-			6000	--	--
Sum of PCBs (mg/kg) **	-			1	--	--
Mineral Oil (mg/kg)	-			500	--	--
Total PAH (WAC-17) (mg/kg)	-			100	--	--
pH (units)**	8.2			--	>6	--
Acid Neutralisation Capacity (mol / kg)	1.3			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	0.0025		0.0208	0.5	2	25
Barium *	0.0142		0.118	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.0013		0.011	0.5	10	70
Copper *	0.0024		0.020	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0034		0.0280	0.5	10	30
Nickel *	0.0022		0.018	0.4	10	40
Lead *	0.0019		0.016	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0035		0.029	4	50	200
Chloride *	2.1		17	800	15000	25000
Fluoride	0.12		1.0	10	150	500
Sulphate *	5.8		48	1000	20000	50000
TDS*	44		360	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	7.86		65.2	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.5					
Dry Matter (%)	94					
Moisture (%)	5.9					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761886 / 1761887			Landfill Waste Acceptance Criteria		
Sampling Date	11/01/2021			Limits		
Sample ID	WS70			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.40					
Solid Waste Analysis						
TOC (%)**	3.0			3%	5%	6%
Loss on Ignition (%) **	5.4			--	--	10%
BTEX (µg/kg) **	-			6000	--	--
Sum of PCBs (mg/kg) **	-			1	--	--
Mineral Oil (mg/kg)	-			500	--	--
Total PAH (WAC-17) (mg/kg)	-			100	--	--
pH (units)**	11.2			--	>6	--
Acid Neutralisation Capacity (mol / kg)	57			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1			10:1	Limit values for compliance leaching test	
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)	
Arsenic *	< 0.0010			< 0.0100	0.5	2
Barium *	0.0089			0.0804	20	100
Cadmium *	< 0.0001			< 0.0008	0.04	1
Chromium *	0.0011			0.010	0.5	10
Copper *	0.0039			0.035	2	50
Mercury *	< 0.0005			< 0.0050	0.01	0.2
Molybdenum *	0.0037			0.0335	0.5	10
Nickel *	0.0032			0.029	0.4	10
Lead *	< 0.0010			< 0.010	0.5	10
Antimony *	< 0.0017			< 0.017	0.06	0.7
Selenium *	< 0.0040			< 0.040	0.1	0.5
Zinc *	0.0070			0.063	4	50
Chloride *	2.2			20	800	15000
Fluoride	0.097			0.88	10	150
Sulphate *	3.3			29	1000	20000
TDS*	29			260	4000	60000
Phenol Index (Monohydric Phenols) *	< 0.010			< 0.10	1	-
DOC	5.09			46.1	500	800
Leach Test Information						
Stone Content (%)	26					
Sample Mass (kg)	2.0					
Dry Matter (%)	96					
Moisture (%)	4.0					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761888 / 1761889			Landfill Waste Acceptance Criteria		
Sampling Date	11/01/2021			Limits		
Sample ID	WS71			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.20					
Solid Waste Analysis						
TOC (%)**	1.2			3%	5%	6%
Loss on Ignition (%) **	2.9			--	--	10%
BTEX (µg/kg) **	-			6000	--	--
Sum of PCBs (mg/kg) **	-			1	--	--
Mineral Oil (mg/kg)	-			500	--	--
Total PAH (WAC-17) (mg/kg)	-			100	--	--
pH (units)**	7.7			--	>6	--
Acid Neutralisation Capacity (mol / kg)	3.6			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1			10:1	Limit values for compliance leaching test	
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)	
Arsenic *	0.0019			0.0163	0.5	2
Barium *	0.0190			0.161	20	100
Cadmium *	< 0.0001			< 0.0008	0.04	1
Chromium *	0.0036			0.030	0.5	10
Copper *	0.0091			0.077	2	50
Mercury *	< 0.0005			< 0.0050	0.01	0.2
Molybdenum *	0.0027			0.0228	0.5	10
Nickel *	0.0047			0.040	0.4	10
Lead *	0.0048			0.041	0.5	10
Antimony *	< 0.0017			< 0.017	0.06	0.7
Selenium *	< 0.0040			< 0.040	0.1	0.5
Zinc *	0.015			0.13	4	50
Chloride *	2.5			21	800	15000
Fluoride	0.32			2.7	10	150
Sulphate *	6.1			51	1000	20000
TDS*	56			470	4000	60000
Phenol Index (Monohydric Phenols) *	< 0.010			< 0.10	1	-
DOC	10.3			87.4	500	800
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.5					
Dry Matter (%)	89					
Moisture (%)	11					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761890 / 1761891			Landfill Waste Acceptance Criteria		
Sampling Date	11/01/2021			Limits		
Sample ID	WS73a			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.50					
Solid Waste Analysis						
TOC (%)**	3.2			3%	5%	6%
Loss on Ignition (%) **	5.5			--	--	10%
BTEX (µg/kg) **	-			6000	--	--
Sum of PCBs (mg/kg) **	-			1	--	--
Mineral Oil (mg/kg)	-			500	--	--
Total PAH (WAC-17) (mg/kg)	-			100	--	--
pH (units)**	8.6			--	>6	--
Acid Neutralisation Capacity (mol / kg)	3.5			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	0.0055		0.0487	0.5	2	25
Barium *	0.0121		0.107	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.0012		0.011	0.5	10	70
Copper *	0.0068		0.060	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0030		0.0267	0.5	10	30
Nickel *	0.0026		0.023	0.4	10	40
Lead *	0.0019		0.017	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0055		0.049	4	50	200
Chloride *	16		140	800	15000	25000
Fluoride	0.79		7.0	10	150	500
Sulphate *	18		160	1000	20000	50000
TDS*	94		830	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	9.01		79.7	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.5					
Dry Matter (%)	88					
Moisture (%)	12					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761892 / 1761893			Landfill Waste Acceptance Criteria		
Sampling Date	15/01/2021			Limits		
Sample ID	WS02			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.10					
Solid Waste Analysis						
TOC (%)**	1.2			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	890			500	--	--
Total PAH (WAC-17) (mg/kg)	9.33			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1			10:1	Limit values for compliance leaching test	
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)	
Arsenic *	< 0.0010			< 0.0100	0.5	2
Barium *	0.0282			0.245	20	100
Cadmium *	< 0.0001			< 0.0008	0.04	1
Chromium *	0.013			0.12	0.5	10
Copper *	0.0049			0.042	2	50
Mercury *	< 0.0005			< 0.0050	0.01	0.2
Molybdenum *	0.0025			0.0214	0.5	10
Nickel *	0.0026			0.022	0.4	10
Lead *	0.0042			0.037	0.5	10
Antimony *	< 0.0017			< 0.017	0.06	0.7
Selenium *	< 0.0040			< 0.040	0.1	0.5
Zinc *	0.0049			0.042	4	50
Chloride *	1.6			14	800	15000
Fluoride	0.091			0.78	10	150
Sulphate *	15			130	1000	20000
TDS*	220			1900	4000	60000
Phenol Index (Monohydric Phenols) *	< 0.010			< 0.10	1	-
DOC	2.96			25.6	500	800
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.2					
Dry Matter (%)	87					
Moisture (%)	13					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761894 / 1761895			Landfill Waste Acceptance Criteria		
Sampling Date	12/01/2021			Limits		
Sample ID	WS08			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.50					
Solid Waste Analysis						
TOC (%)**	0.9			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0010		< 0.0100	0.5	2	25
Barium *	0.0044		0.0390	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	< 0.0004		< 0.0040	0.5	10	70
Copper *	0.0032		0.029	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0020		0.0183	0.5	10	30
Nickel *	0.0020		0.018	0.4	10	40
Lead *	< 0.0010		< 0.010	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.017		0.15	4	50	200
Chloride *	8.3		75	800	15000	25000
Fluoride	< 0.050		< 0.50	10	150	500
Sulphate *	7.8		70	1000	20000	50000
TDS*	34		300	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	5.08		45.4	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.2					
Dry Matter (%)	86					
Moisture (%)	14					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes as defined by the Waste (England and Wales) Regulations 2011 (as amended) and EA Guidance WM3. This analysis is only applicable for landfill acceptance criteria (The Environmental Permitting (England and Wales) Regulations) and does not give any indication as to whether a waste may be hazardous or non-hazardous.						

i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

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Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761896 / 1761897			Landfill Waste Acceptance Criteria		
Sampling Date	11/01/2021			Limits		
Sample ID	WS09			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	1.50					
Solid Waste Analysis						
TOC (%)**	0.9			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1			10:1	Limit values for compliance leaching test	
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)	
Arsenic *	< 0.0010			< 0.0100	0.5	2
Barium *	0.0044			0.0406	20	100
Cadmium *	< 0.0001			< 0.0008	0.04	1
Chromium *	< 0.0004			< 0.0040	0.5	10
Copper *	0.0047			0.043	2	50
Mercury *	< 0.0005			< 0.0050	0.01	0.2
Molybdenum *	0.0037			0.0344	0.5	10
Nickel *	0.0036			0.034	0.4	10
Lead *	< 0.0010			< 0.010	0.5	10
Antimony *	< 0.0017			< 0.017	0.06	0.7
Selenium *	< 0.0040			< 0.040	0.1	0.5
Zinc *	0.0058			0.054	4	50
Chloride *	3.6			34	800	15000
Fluoride	< 0.050			< 0.50	10	150
Sulphate *	6.1			56	1000	20000
TDS*	20			190	4000	60000
Phenol Index (Monohydric Phenols) *	< 0.010			< 0.10	1	-
DOC	5.21			48.3	500	800
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	2.0					
Dry Matter (%)	91					
Moisture (%)	9.5					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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i2 Analytical

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Watford, WD18 8YS

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Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761898 / 1761899			Landfill Waste Acceptance Criteria		
Sampling Date	11/01/2021			Limits		
Sample ID	WS09			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.20					
Solid Waste Analysis						
TOC (%)**	2.1			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	21.8			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1			10:1	Limit values for compliance leaching test	
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)	
Arsenic *	< 0.0010			< 0.0100	0.5	2
Barium *	0.0053			0.0477	20	100
Cadmium *	< 0.0001			< 0.0008	0.04	1
Chromium *	0.0069			0.061	0.5	10
Copper *	0.0053			0.048	2	50
Mercury *	< 0.0005			< 0.0050	0.01	0.2
Molybdenum *	0.0039			0.0351	0.5	10
Nickel *	0.0025			0.022	0.4	10
Lead *	< 0.0010			< 0.010	0.5	10
Antimony *	< 0.0017			< 0.017	0.06	0.7
Selenium *	< 0.0040			< 0.040	0.1	0.5
Zinc *	0.0015			0.013	4	50
Chloride *	2.3			21	800	15000
Fluoride	0.68			6.1	10	150
Sulphate *	12			100	1000	20000
TDS*	59			530	4000	60000
Phenol Index (Monohydric Phenols) *	< 0.010			< 0.10	1	-
DOC	13.9			124	500	800
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.7					
Dry Matter (%)	93					
Moisture (%)	6.9					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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Croxley Green Business Park
Watford, WD18 8YS

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Fax: 01923 237404
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Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761900 / 1761901			Landfill Waste Acceptance Criteria		
Sampling Date	14/01/2021			Limits		
Sample ID	WS11			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.50					
Solid Waste Analysis						
TOC (%)**	0.5			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1			10:1	Limit values for compliance leaching test	
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)	
Arsenic *	< 0.0010			< 0.0100	0.5	2
Barium *	0.0067			0.0555	20	100
Cadmium *	< 0.0001			< 0.0008	0.04	1
Chromium *	< 0.0004			< 0.0040	0.5	10
Copper *	0.0028			0.023	2	50
Mercury *	< 0.0005			< 0.0050	0.01	0.2
Molybdenum *	0.0029			0.0239	0.5	10
Nickel *	0.0030			0.025	0.4	10
Lead *	< 0.0010			< 0.010	0.5	10
Antimony *	< 0.0017			< 0.017	0.06	0.7
Selenium *	< 0.0040			< 0.040	0.1	0.5
Zinc *	0.0077			0.064	4	50
Chloride *	2.5			20	800	15000
Fluoride	< 0.050			< 0.50	10	150
Sulphate *	12			99	1000	20000
TDS*	31			260	4000	60000
Phenol Index (Monohydric Phenols) *	< 0.10			< 0.10	1	-
DOC	4.75			39.2	500	800
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.7					
Dry Matter (%)	84					
Moisture (%)	16					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761902 / 1761903			Landfill Waste Acceptance Criteria		
Sampling Date	13/01/2021			Limits		
Sample ID	WS12			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.40					
Solid Waste Analysis						
TOC (%)**	2.0			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1			10:1	Limit values for compliance leaching test	
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)	
Arsenic *	< 0.0010			< 0.0100	0.5	2
Barium *	0.0388			0.291	20	100
Cadmium *	< 0.0001			< 0.0008	0.04	1
Chromium *	0.014			0.11	0.5	10
Copper *	0.0090			0.067	2	50
Mercury *	< 0.0005			< 0.0050	0.01	0.2
Molybdenum *	0.0039			0.0292	0.5	10
Nickel *	0.0027			0.020	0.4	10
Lead *	< 0.0010			< 0.010	0.5	10
Antimony *	< 0.0017			< 0.017	0.06	0.7
Selenium *	< 0.0040			< 0.040	0.1	0.5
Zinc *	0.0027			0.020	4	50
Chloride *	1.6			12	800	15000
Fluoride	0.086			0.64	10	150
Sulphate *	17			130	1000	20000
TDS*	360			2700	4000	60000
Phenol Index (Monohydric Phenols) *	< 0.010			< 0.10	1	-
DOC	4.17			31.3	500	800
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.5					
Dry Matter (%)	85					
Moisture (%)	15					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
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Fax: 01923 237404
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Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761904 / 1761905			Landfill Waste Acceptance Criteria		
Sampling Date	13/01/2021			Limits		
Sample ID	WS13			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.40					
Solid Waste Analysis						
TOC (%)**	0.8			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	99			500	--	--
Total PAH (WAC-17) (mg/kg)	2.87			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0010		< 0.0100	0.5	2	25
Barium *	0.0159		0.132	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.0054		0.045	0.5	10	70
Copper *	0.0054		0.044	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0038		0.0316	0.5	10	30
Nickel *	0.0021		0.018	0.4	10	40
Lead *	0.0023		0.019	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0035		0.029	4	50	200
Chloride *	2.6		21	800	15000	25000
Fluoride	0.10		0.86	10	150	500
Sulphate *	11		88	1000	20000	50000
TDS*	190		1600	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	3.76		31.0	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.7					
Dry Matter (%)	90					
Moisture (%)	10					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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i2 Analytical

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Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761906 / 1761907			Landfill Waste Acceptance Criteria		
Sampling Date	13/01/2021			Limits		
Sample ID	WS14			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.40					
Solid Waste Analysis						
TOC (%)**	1.7			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	220			500	--	--
Total PAH (WAC-17) (mg/kg)	5.20			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0010		< 0.0100	0.5	2	25
Barium *	0.0078		0.0662	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.0099		0.084	0.5	10	70
Copper *	0.0050		0.043	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0042		0.0359	0.5	10	30
Nickel *	0.0020		0.017	0.4	10	40
Lead *	< 0.0010		< 0.010	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0046		0.039	4	50	200
Chloride *	3.0		26	800	15000	25000
Fluoride	0.077		0.66	10	150	500
Sulphate *	25		210	1000	20000	50000
TDS*	91		780	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	6.40		54.6	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.7					
Dry Matter (%)	91					
Moisture (%)	8.8					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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i2 Analytical

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Telephone: 01923 225404
Fax: 01923 237404
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Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761908 / 1761909			Landfill Waste Acceptance Criteria		
Sampling Date	13/01/2021			Limits		
Sample ID	WS14			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	1.00					
Solid Waste Analysis						
TOC (%)**	2.1			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	54			500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0010		< 0.0100	0.5	2	25
Barium *	0.0113		0.0949	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.0016		0.014	0.5	10	70
Copper *	0.0090		0.075	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0037		0.0312	0.5	10	30
Nickel *	0.0034		0.029	0.4	10	40
Lead *	0.0054		0.045	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.011		0.094	4	50	200
Chloride *	4.0		34	800	15000	25000
Fluoride	0.47		4.0	10	150	500
Sulphate *	17		140	1000	20000	50000
TDS*	71		600	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	14.4		121	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.7					
Dry Matter (%)	83					
Moisture (%)	17					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes as defined by the Waste (England and Wales) Regulations 2011 (as amended) and EA Guidance WM3. This analysis is only applicable for landfill acceptance criteria (The Environmental Permitting (England and Wales) Regulations) and does not give any indication as to whether a waste may be hazardous or non-hazardous.						

i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761910 / 1761911			Landfill Waste Acceptance Criteria		
Sampling Date	13/01/2021			Limits		
Sample ID	WS15			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.15					
Solid Waste Analysis						
TOC (%)**	2.3			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	0.0027		0.0226	0.5	2	25
Barium *	0.0099		0.0843	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.0035		0.030	0.5	10	70
Copper *	0.024		0.21	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0020		0.0166	0.5	10	30
Nickel *	0.0079		0.067	0.4	10	40
Lead *	< 0.0010		< 0.010	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0021		0.018	4	50	200
Chloride *	2.4		20	800	15000	25000
Fluoride	0.084		0.71	10	150	500
Sulphate *	7.0		60	1000	20000	50000
TDS*	100		860	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	30.1		256	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.7					
Dry Matter (%)	87					
Moisture (%)	13					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes as defined by the Waste (England and Wales) Regulations 2011 (as amended) and EA Guidance WM3. This analysis is only applicable for landfill acceptance criteria (The Environmental Permitting (England and Wales) Regulations) and does not give any indication as to whether a waste may be hazardous or non-hazardous.						

i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761912 / 1761913			Landfill Waste Acceptance Criteria		
Sampling Date	14/01/2021			Limits		
Sample ID	WS16			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.30					
Solid Waste Analysis						
TOC (%)**	1.5			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	3.49			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0010		< 0.0100	0.5	2	25
Barium *	0.0163		0.131	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.0015		0.012	0.5	10	70
Copper *	0.013		0.11	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0042		0.0342	0.5	10	30
Nickel *	0.0044		0.036	0.4	10	40
Lead *	0.0064		0.052	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0078		0.063	4	50	200
Chloride *	2.4		20	800	15000	25000
Fluoride	0.27		2.2	10	150	500
Sulphate *	7.8		63	1000	20000	50000
TDS*	64		520	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	15.9		128	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	2.0					
Dry Matter (%)	84					
Moisture (%)	16					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761914 / 1761915			Landfill Waste Acceptance Criteria		
Sampling Date	15/01/2021			Limits		
Sample ID	WS17a			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.30					
Solid Waste Analysis						
TOC (%)**	1.1			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0010		< 0.0100	0.5	2	25
Barium *	0.0053		0.0479	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	< 0.0004		< 0.0040	0.5	10	70
Copper *	0.0015		0.014	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0043		0.0385	0.5	10	30
Nickel *	0.0032		0.029	0.4	10	40
Lead *	< 0.0010		< 0.010	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0047		0.043	4	50	200
Chloride *	1.9		17	800	15000	25000
Fluoride	< 0.050		< 0.50	10	150	500
Sulphate *	6.0		54	1000	20000	50000
TDS*	16		140	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	5.58		50.3	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	2.0					
Dry Matter (%)	88					
Moisture (%)	12					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761916 / 1761917			Landfill Waste Acceptance Criteria		
Sampling Date	15/01/2021			Limits		
Sample ID	WS18b			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.50					
Solid Waste Analysis						
TOC (%)**	3.2			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	4.42			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	0.0015		0.0125	0.5	2	25
Barium *	0.0123		0.101	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	< 0.0004		< 0.0040	0.5	10	70
Copper *	0.0030		0.025	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0039		0.0320	0.5	10	30
Nickel *	0.0026		0.021	0.4	10	40
Lead *	< 0.0010		< 0.010	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0043		0.035	4	50	200
Chloride *	1.9		15	800	15000	25000
Fluoride	0.090		0.73	10	150	500
Sulphate *	6.8		55	1000	20000	50000
TDS*	44		360	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	5.25		42.9	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.5					
Dry Matter (%)	79					
Moisture (%)	21					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761918 / 1761919			Landfill Waste Acceptance Criteria		
Sampling Date	11/01/2021			Limits		
Sample ID	WS19			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.20					
Solid Waste Analysis						
TOC (%)**	2.2			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	11.6			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1			10:1	Limit values for compliance leaching test	
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)	
Arsenic *	< 0.0010			< 0.0100	0.5	2
Barium *	0.0231			0.198	20	100
Cadmium *	< 0.0001			< 0.0008	0.04	1
Chromium *	0.0006			0.0051	0.5	10
Copper *	0.0042			0.036	2	50
Mercury *	< 0.0005			< 0.0050	0.01	0.2
Molybdenum *	0.0112			0.0966	0.5	10
Nickel *	0.0032			0.027	0.4	10
Lead *	0.0039			0.034	0.5	10
Antimony *	< 0.0017			< 0.017	0.06	0.7
Selenium *	< 0.0040			< 0.040	0.1	0.5
Zinc *	0.011			0.095	4	50
Chloride *	2.6			23	800	15000
Fluoride	0.36			3.1	10	150
Sulphate *	20			170	1000	20000
TDS*	73			620	4000	60000
Phenol Index (Monohydric Phenols) *	< 0.010			< 0.10	1	-
DOC	7.07			60.8	500	800
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	2.0					
Dry Matter (%)	85					
Moisture (%)	15					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761920 / 1761921			Landfill Waste Acceptance Criteria		
Sampling Date	14/01/2021			Limits		
Sample ID	WS24			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.15					
Solid Waste Analysis						
TOC (%)**	0.5			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0010		< 0.0100	0.5	2	25
Barium *	0.0212		0.171	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.017		0.14	0.5	10	70
Copper *	0.0051		0.041	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0028		0.0226	0.5	10	30
Nickel *	0.0032		0.025	0.4	10	40
Lead *	< 0.0010		< 0.010	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0033		0.027	4	50	200
Chloride *	1.6		13	800	15000	25000
Fluoride	0.065		0.52	10	150	500
Sulphate *	28		220	1000	20000	50000
TDS*	380		3100	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	4.16		33.5	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.2					
Dry Matter (%)	88					
Moisture (%)	12					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761922 / 1761923			Landfill Waste Acceptance Criteria		
Sampling Date	13/01/2021			Limits		
Sample ID	WS26			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.40					
Solid Waste Analysis						
TOC (%)**	1.0			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	99			500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0010		< 0.0100	0.5	2	25
Barium *	0.0179		0.153	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.023		0.20	0.5	10	70
Copper *	0.010		0.086	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0066		0.0563	0.5	10	30
Nickel *	0.0021		0.018	0.4	10	40
Lead *	< 0.0010		< 0.010	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0093		0.079	4	50	200
Chloride *	3.5		30	800	15000	25000
Fluoride	0.17		1.5	10	150	500
Sulphate *	35		300	1000	20000	50000
TDS*	280		2400	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	3.37		28.8	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.7					
Dry Matter (%)	86					
Moisture (%)	14					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761924 / 1761925			Landfill Waste Acceptance Criteria		
Sampling Date	14/01/2021			Limits		
Sample ID	WS37			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.50					
Solid Waste Analysis						
TOC (%)**	0.1			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0010		< 0.0100	0.5	2	25
Barium *	0.0076		0.0632	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.0013		0.011	0.5	10	70
Copper *	0.0013		0.011	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0038		0.0317	0.5	10	30
Nickel *	0.0024		0.020	0.4	10	40
Lead *	< 0.0010		< 0.010	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0031		0.025	4	50	200
Chloride *	1.3		11	800	15000	25000
Fluoride	0.057		< 0.50	10	150	500
Sulphate *	3.7		31	1000	20000	50000
TDS*	31		260	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	6.79		56.2	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.7					
Dry Matter (%)	86					
Moisture (%)	14					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761926 / 1761927			Landfill Waste Acceptance Criteria		
Sampling Date	14/01/2021			Limits		
Sample ID	WS38			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.20					
Solid Waste Analysis						
TOC (%)**	1.2			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	45.9			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0010		< 0.0100	0.5	2	25
Barium *	0.0421		0.388	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.028		0.25	0.5	10	70
Copper *	0.0045		0.041	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0041		0.0374	0.5	10	30
Nickel *	0.0025		0.023	0.4	10	40
Lead *	< 0.0010		< 0.010	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0028		0.026	4	50	200
Chloride *	2.6		24	800	15000	25000
Fluoride	0.069		0.64	10	150	500
Sulphate *	17		150	1000	20000	50000
TDS*	460		4300	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	3.96		36.6	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.7					
Dry Matter (%)	91					
Moisture (%)	8.7					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes as defined by the Waste (England and Wales) Regulations 2011 (as amended) and EA Guidance WM3. This analysis is only applicable for landfill acceptance criteria (The Environmental Permitting (England and Wales) Regulations) and does not give any indication as to whether a waste may be hazardous or non-hazardous.						

i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761928 / 1761929			Landfill Waste Acceptance Criteria		
Sampling Date	14/01/2021			Limits		
Sample ID	WS39			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.20					
Solid Waste Analysis						
TOC (%)**	0.1			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	53.8			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	0.0029		0.0252	0.5	2	25
Barium *	0.0081		0.0718	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.0080		0.071	0.5	10	70
Copper *	0.0041		0.036	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0044		0.0390	0.5	10	30
Nickel *	0.0018		0.016	0.4	10	40
Lead *	< 0.0010		< 0.010	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0050		0.044	4	50	200
Chloride *	2.2		19	800	15000	25000
Fluoride	0.11		0.93	10	150	500
Sulphate *	8.9		79	1000	20000	50000
TDS*	150		1300	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	5.48		48.3	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.5					
Dry Matter (%)	83					
Moisture (%)	17					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761932 / 1761933			Landfill Waste Acceptance Criteria		
Sampling Date	13/01/2021			Limits		
Sample ID	WS44			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.20					
Solid Waste Analysis						
TOC (%)**	1.7			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	35.9			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0010		< 0.0100	0.5	2	25
Barium *	0.0378		0.338	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.025		0.22	0.5	10	70
Copper *	0.013		0.11	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0031		0.0279	0.5	10	30
Nickel *	0.0040		0.036	0.4	10	40
Lead *	< 0.0010		< 0.010	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0023		0.020	4	50	200
Chloride *	0.90		8.0	800	15000	25000
Fluoride	0.061		0.55	10	150	500
Sulphate *	6.7		60	1000	20000	50000
TDS*	840		7500	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	6.88		61.5	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.7					
Dry Matter (%)	88					
Moisture (%)	12					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761934 / 1761935			Landfill Waste Acceptance Criteria		
Sampling Date	12/01/2021			Limits		
Sample ID	WS48			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.20					
Solid Waste Analysis						
TOC (%)**	0.6			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	46			500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0010		< 0.0100	0.5	2	25
Barium *	0.0291		0.260	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.012		0.11	0.5	10	70
Copper *	0.0092		0.083	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0031		0.0279	0.5	10	30
Nickel *	0.0023		0.021	0.4	10	40
Lead *	< 0.0010		< 0.010	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0044		0.040	4	50	200
Chloride *	1.1		9.7	800	15000	25000
Fluoride	0.065		0.59	10	150	500
Sulphate *	5.9		53	1000	20000	50000
TDS*	780		7000	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	3.03		27.1	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.7					
Dry Matter (%)	98					
Moisture (%)	2.5					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761936 / 1761937			Landfill Waste Acceptance Criteria		
Sampling Date	12/01/2021			Limits		
Sample ID	WS49			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.15					
Solid Waste Analysis						
TOC (%)**	1.0			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0010		< 0.0100	0.5	2	25
Barium *	0.0264		0.241	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.016		0.14	0.5	10	70
Copper *	0.0054		0.050	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0020		0.0178	0.5	10	30
Nickel *	0.0025		0.023	0.4	10	40
Lead *	< 0.0010		< 0.010	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.015		0.14	4	50	200
Chloride *	1.3		12	800	15000	25000
Fluoride	0.072		0.65	10	150	500
Sulphate *	13		120	1000	20000	50000
TDS*	550		5000	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	2.93		26.8	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	2.0					
Dry Matter (%)	98					
Moisture (%)	2.4					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761938 / 1761939			Landfill Waste Acceptance Criteria		
Sampling Date	13/01/2021			Limits		
Sample ID	WS50			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.10					
Solid Waste Analysis						
TOC (%)**	0.9			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	86			500	--	--
Total PAH (WAC-17) (mg/kg)	20.1			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1			10:1	Limit values for compliance leaching test	
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)	
Arsenic *	0.0023			0.0177	0.5	2
Barium *	0.0150			0.118	20	100
Cadmium *	< 0.0001			< 0.0008	0.04	1
Chromium *	0.0023			0.019	0.5	10
Copper *	0.013			0.099	2	50
Mercury *	< 0.0005			< 0.0050	0.01	0.2
Molybdenum *	0.0024			0.0190	0.5	10
Nickel *	0.0029			0.023	0.4	10
Lead *	< 0.0010			< 0.010	0.5	10
Antimony *	< 0.0017			< 0.017	0.06	0.7
Selenium *	< 0.0040			< 0.040	0.1	0.5
Zinc *	0.0042			0.033	4	50
Chloride *	1.1			8.6	800	15000
Fluoride	0.084			0.66	10	150
Sulphate *	16			130	1000	20000
TDS*	150			1200	4000	60000
Phenol Index (Monohydric Phenols) *	< 0.010			< 0.10	1	-
DOC	5.06			39.8	500	800
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	2.0					
Dry Matter (%)	84					
Moisture (%)	16					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761940 / 1761941			Landfill Waste Acceptance Criteria		
Sampling Date	13/01/2021			Limits		
Sample ID	WS51			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.15					
Solid Waste Analysis						
TOC (%)**	0.7			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	1.42			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1			10:1	Limit values for compliance leaching test	
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)	
Arsenic *	< 0.0010			< 0.0100	0.5	2
Barium *	0.170			1.47	20	100
Cadmium *	< 0.0001			< 0.0008	0.04	1
Chromium *	0.026			0.22	0.5	10
Copper *	0.0073			0.063	2	50
Mercury *	< 0.0005			< 0.0050	0.01	0.2
Molybdenum *	0.0038			0.0326	0.5	10
Nickel *	0.0036			0.031	0.4	10
Lead *	< 0.0010			< 0.010	0.5	10
Antimony *	< 0.0017			< 0.017	0.06	0.7
Selenium *	< 0.0040			< 0.040	0.1	0.5
Zinc *	0.010			0.087	4	50
Chloride *	2.1			18	800	15000
Fluoride	0.066			0.57	10	150
Sulphate *	5.3			46	1000	20000
TDS*	1200			10000	4000	60000
Phenol Index (Monohydric Phenols) *	0.027			0.24	1	-
DOC	5.47			47.3	500	800
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.7					
Dry Matter (%)	88					
Moisture (%)	12					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761942 / 1761943			Landfill Waste Acceptance Criteria		
Sampling Date	13/01/2021			Limits		
Sample ID	WS52			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.15					
Solid Waste Analysis						
TOC (%)**	0.9			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	27.3			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1			10:1	Limit values for compliance leaching test	
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)	
Arsenic *	0.0019			0.0180	0.5	2
Barium *	0.0089			0.0833	20	100
Cadmium *	< 0.0001			< 0.0008	0.04	1
Chromium *	0.0094			0.089	0.5	10
Copper *	0.0050			0.047	2	50
Mercury *	< 0.0005			< 0.0050	0.01	0.2
Molybdenum *	0.0030			0.0280	0.5	10
Nickel *	0.0021			0.020	0.4	10
Lead *	< 0.0010			< 0.010	0.5	10
Antimony *	< 0.0017			< 0.017	0.06	0.7
Selenium *	< 0.0040			< 0.040	0.1	0.5
Zinc *	0.0044			0.041	4	50
Chloride *	1.8			17	800	15000
Fluoride	0.077			0.72	10	150
Sulphate *	20			190	1000	20000
TDS*	100			950	4000	60000
Phenol Index (Monohydric Phenols) *	< 0.010			< 0.10	1	-
DOC	3.77			35.5	500	800
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.7					
Dry Matter (%)	88					
Moisture (%)	12					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes as defined by the Waste (England and Wales) Regulations 2011 (as amended) and EA Guidance WM3. This analysis is only applicable for landfill acceptance criteria (The Environmental Permitting (England and Wales) Regulations) and does not give any indication as to whether a waste may be hazardous or non-hazardous.						

i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761944 / 1761945			Landfill Waste Acceptance Criteria		
Sampling Date	13/01/2021			Limits		
Sample ID	WS53			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.30					
Solid Waste Analysis						
TOC (%)**	1.4			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	0.0017		0.0140	0.5	2	25
Barium *	0.0078		0.0647	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.0025		0.021	0.5	10	70
Copper *	0.0067		0.055	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0248		0.205	0.5	10	30
Nickel *	0.0045		0.037	0.4	10	40
Lead *	< 0.0010		< 0.010	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0084		0.069	4	50	200
Chloride *	3.5		29	800	15000	25000
Fluoride	0.35		2.9	10	150	500
Sulphate *	16		130	1000	20000	50000
TDS*	60		500	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	9.92		81.8	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.7					
Dry Matter (%)	81					
Moisture (%)	19					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes as defined by the Waste (England and Wales) Regulations 2011 (as amended) and EA Guidance WM3. This analysis is only applicable for landfill acceptance criteria (The Environmental Permitting (England and Wales) Regulations) and does not give any indication as to whether a waste may be hazardous or non-hazardous.						

i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761946 / 1761947			Landfill Waste Acceptance Criteria		
Sampling Date	12/01/2021			Limits		
Sample ID	WS55			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.15					
Solid Waste Analysis						
TOC (%)**	0.1			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0010		< 0.0100	0.5	2	25
Barium *	0.0347		0.321	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.014		0.13	0.5	10	70
Copper *	0.0090		0.083	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0022		0.0200	0.5	10	30
Nickel *	0.0031		0.029	0.4	10	40
Lead *	0.0012		0.011	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0032		0.030	4	50	200
Chloride *	2.0		18	800	15000	25000
Fluoride	0.085		0.79	10	150	500
Sulphate *	7.6		70	1000	20000	50000
TDS*	1300		12000	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	5.27		48.7	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.7					
Dry Matter (%)	93					
Moisture (%)	6.6					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes as defined by the Waste (England and Wales) Regulations 2011 (as amended) and EA Guidance WM3. This analysis is only applicable for landfill acceptance criteria (The Environmental Permitting (England and Wales) Regulations) and does not give any indication as to whether a waste may be hazardous or non-hazardous.						

i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761948 / 1761949			Landfill Waste Acceptance Criteria		
Sampling Date	12/01/2021			Limits		
Sample ID	WS57			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.15					
Solid Waste Analysis						
TOC (%)**	1.2			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1			10:1	Limit values for compliance leaching test	
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)	
Arsenic *	< 0.0010			< 0.0100	0.5	2
Barium *	0.0947			0.871	20	100
Cadmium *	< 0.0001			< 0.0008	0.04	1
Chromium *	0.021			0.19	0.5	10
Copper *	0.0099			0.091	2	50
Mercury *	< 0.0005			< 0.0050	0.01	0.2
Molybdenum *	0.0040			0.0365	0.5	10
Nickel *	0.0038			0.035	0.4	10
Lead *	< 0.0010			< 0.010	0.5	10
Antimony *	-			< 0.017	0.06	0.7
Selenium *	-			< 0.040	0.1	0.5
Zinc *	-			0.025	4	50
Chloride *	-			17	800	15000
Fluoride	-			0.68	10	150
Sulphate *	-			46	1000	20000
TDS*	-			14000	4000	60000
Phenol Index (Monohydric Phenols) *	-			< 0.10	1	-
DOC	-			48.7	500	800
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	2.0					
Dry Matter (%)	95					
Moisture (%)	4.9					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761950 / 1761951			Landfill Waste Acceptance Criteria		
Sampling Date	11/01/2021			Limits		
Sample ID	WS58			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.75					
Solid Waste Analysis						
TOC (%)**	0.9			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	1.50			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0010		< 0.0100	0.5	2	25
Barium *	0.0082		0.0765	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.0007		0.0069	0.5	10	70
Copper *	0.0019		0.018	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0045		0.0425	0.5	10	30
Nickel *	0.0028		0.026	0.4	10	40
Lead *	< 0.0010		< 0.010	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0052		0.048	4	50	200
Chloride *	2.8		26	800	15000	25000
Fluoride	0.43		4.0	10	150	500
Sulphate *	5.0		46	1000	20000	50000
TDS*	56		530	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	8.25		77.2	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	2.0					
Dry Matter (%)	90					
Moisture (%)	9.9					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761952 / 1761953			Landfill Waste Acceptance Criteria		
Sampling Date	13/01/2021			Limits		
Sample ID	WS59			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.15					
Solid Waste Analysis						
TOC (%)**	1.0			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0010		< 0.0100	0.5	2	25
Barium *	0.0352		0.313	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.0072		0.064	0.5	10	70
Copper *	0.011		0.097	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0053		0.0473	0.5	10	30
Nickel *	0.0044		0.039	0.4	10	40
Lead *	< 0.0010		< 0.010	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0028		0.025	4	50	200
Chloride *	3.0		26	800	15000	25000
Fluoride	0.071		0.63	10	150	500
Sulphate *	13		110	1000	20000	50000
TDS*	1100		10000	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	3.73		33.1	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.7					
Dry Matter (%)	87					
Moisture (%)	13					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761956 / 1761957			Landfill Waste Acceptance Criteria		
Sampling Date	13/01/2021			Limits		
Sample ID	WS60a			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.50					
Solid Waste Analysis						
TOC (%)**	0.6			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	4.28			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	0.0070		0.0617	0.5	2	25
Barium *	0.0132		0.116	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.0041		0.036	0.5	10	70
Copper *	0.0063		0.056	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0063		0.0550	0.5	10	30
Nickel *	0.0038		0.033	0.4	10	40
Lead *	0.0049		0.043	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.013		0.12	4	50	200
Chloride *	1.8		16	800	15000	25000
Fluoride	0.12		1.1	10	150	500
Sulphate *	19		170	1000	20000	50000
TDS*	53		460	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	9.59		84.1	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	2.0					
Dry Matter (%)	86					
Moisture (%)	14					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation. ** = MCERTS accredited						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761958 / 1761959			Landfill Waste Acceptance Criteria		
Sampling Date	13/01/2021			Limits		
Sample ID	WS61			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.40					
Solid Waste Analysis						
TOC (%)**	1.0			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	0.0068		0.0577	0.5	2	25
Barium *	0.0065		0.0550	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.0014		0.012	0.5	10	70
Copper *	0.010		0.086	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0048		0.0403	0.5	10	30
Nickel *	0.0033		0.028	0.4	10	40
Lead *	0.0011		< 0.010	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0042		0.035	4	50	200
Chloride *	2.9		24	800	15000	25000
Fluoride	0.17		1.4	10	150	500
Sulphate *	5.8		49	1000	20000	50000
TDS*	50		420	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	8.98		76.0	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	2.0					
Dry Matter (%)	89					
Moisture (%)	11					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761960 / 1761961			Landfill Waste Acceptance Criteria		
Sampling Date	15/01/2021			Limits		
Sample ID	WS61a			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.50					
Solid Waste Analysis						
TOC (%)**	0.6			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	11.7			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	0.0060		0.0514	0.5	2	25
Barium *	0.0187		0.160	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.0027		0.023	0.5	10	70
Copper *	0.0060		0.051	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0039		0.0332	0.5	10	30
Nickel *	0.0034		0.029	0.4	10	40
Lead *	0.0057		0.049	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.013		0.11	4	50	200
Chloride *	1.9		16	800	15000	25000
Fluoride	0.13		1.1	10	150	500
Sulphate *	18		160	1000	20000	50000
TDS*	65		560	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	5.84		50.1	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	2.0					
Dry Matter (%)	83					
Moisture (%)	17					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
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7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761962 / 1761963			Landfill Waste Acceptance Criteria		
Sampling Date	12/01/2021			Limits		
Sample ID	WS62			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.20					
Solid Waste Analysis						
TOC (%)**	0.2			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1			10:1	Limit values for compliance leaching test	
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)	
Arsenic *	< 0.0010			< 0.0100	0.5	2
Barium *	0.0172			0.160	20	100
Cadmium *	< 0.0001			< 0.0008	0.04	1
Chromium *	0.0028			0.026	0.5	10
Copper *	0.0024			0.022	2	50
Mercury *	< 0.0005			< 0.0050	0.01	0.2
Molybdenum *	0.0020			0.0183	0.5	10
Nickel *	0.0020			0.019	0.4	10
Lead *	< 0.0010			< 0.010	0.5	10
Antimony *	< 0.0017			< 0.017	0.06	0.7
Selenium *	< 0.0040			< 0.040	0.1	0.5
Zinc *	0.0016			0.015	4	50
Chloride *	1.6			15	800	15000
Fluoride	0.077			0.72	10	150
Sulphate *	12			110	1000	20000
TDS*	310			2900	4000	60000
Phenol Index (Monohydric Phenols) *	< 0.010			< 0.10	1	-
DOC	2.97			27.6	500	800
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.7					
Dry Matter (%)	86					
Moisture (%)	14					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761964 / 1761965			Landfill Waste Acceptance Criteria		
Sampling Date	12/01/2021			Limits		
Sample ID	WS66			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.60					
Solid Waste Analysis						
TOC (%)**	1.2			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	1.02			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0010		< 0.0100	0.5	2	25
Barium *	0.0057		0.0501	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.0008		0.0068	0.5	10	70
Copper *	0.0033		0.029	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0047		0.0409	0.5	10	30
Nickel *	0.0027		0.024	0.4	10	40
Lead *	< 0.0010		< 0.010	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0047		0.041	4	50	200
Chloride *	1.9		17	800	15000	25000
Fluoride	0.11		0.96	10	150	500
Sulphate *	6.4		56	1000	20000	50000
TDS*	51		440	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	6.71		58.6	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.5					
Dry Matter (%)	85					
Moisture (%)	15					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761966 / 1761967			Landfill Waste Acceptance Criteria		
Sampling Date	12/01/2021			Limits		
Sample ID	WS67			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.50					
Solid Waste Analysis						
TOC (%)**	0.5			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1			10:1	Limit values for compliance leaching test	
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)	
Arsenic *	< 0.0010			< 0.0100	0.5	2
Barium *	0.0058			0.0512	20	100
Cadmium *	< 0.0001			< 0.0008	0.04	1
Chromium *	0.0006			0.0052	0.5	10
Copper *	0.0010			0.0085	2	50
Mercury *	< 0.0005			< 0.0050	0.01	0.2
Molybdenum *	0.0050			0.0444	0.5	10
Nickel *	0.0029			0.026	0.4	10
Lead *	< 0.0010			< 0.010	0.5	10
Antimony *	< 0.0017			< 0.017	0.06	0.7
Selenium *	< 0.0040			< 0.040	0.1	0.5
Zinc *	0.010			0.092	4	50
Chloride *	3.3			29	800	15000
Fluoride	< 0.050			< 0.50	10	150
Sulphate *	4.5			40	1000	20000
TDS*	15			130	4000	60000
Phenol Index (Monohydric Phenols) *	< 0.010			< 0.10	1	-
DOC	4.20			37.3	500	800
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	2.0					
Dry Matter (%)	87					
Moisture (%)	13					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761968 / 1761969			Landfill Waste Acceptance Criteria		
Sampling Date	15/01/2021			Limits		
Sample ID	WS69b			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.50					
Solid Waste Analysis						
TOC (%)**	0.4			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	8.04			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	0.0037		0.0322	0.5	2	25
Barium *	0.0170		0.148	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.0036		0.031	0.5	10	70
Copper *	0.0037		0.032	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0063		0.0548	0.5	10	30
Nickel *	0.0023		0.020	0.4	10	40
Lead *	0.0041		0.036	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0047		0.041	4	50	200
Chloride *	3.0		26	800	15000	25000
Fluoride	0.67		5.9	10	150	500
Sulphate *	11		95	1000	20000	50000
TDS*	61		530	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	6.43		56.0	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	0.70					
Dry Matter (%)	90					
Moisture (%)	9.7					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761970 / 1761971			Landfill Waste Acceptance Criteria		
Sampling Date	11/01/2021			Limits		
Sample ID	WS70			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	2.60					
Solid Waste Analysis						
TOC (%)**	1.7			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1			10:1	Limit values for compliance leaching test	
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)	
Arsenic *	0.0018			0.0157	0.5	2
Barium *	0.0078			0.0689	20	100
Cadmium *	< 0.0001			< 0.0008	0.04	1
Chromium *	0.0020			0.018	0.5	10
Copper *	0.013			0.12	2	50
Mercury *	< 0.0005			< 0.0050	0.01	0.2
Molybdenum *	0.0070			0.0621	0.5	10
Nickel *	0.0044			0.039	0.4	10
Lead *	< 0.0010			< 0.010	0.5	10
Antimony *	< 0.0017			< 0.017	0.06	0.7
Selenium *	< 0.0040			< 0.040	0.1	0.5
Zinc *	0.0071			0.063	4	50
Chloride *	5.3			47	800	15000
Fluoride	0.11			0.94	10	150
Sulphate *	6.2			55	1000	20000
TDS*	51			450	4000	60000
Phenol Index (Monohydric Phenols) *	< 0.010			< 0.10	1	-
DOC	16.9			150	500	800
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	2.0					
Dry Matter (%)	88					
Moisture (%)	12					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761972 / 1761973			Landfill Waste Acceptance Criteria		
Sampling Date	12/01/2021			Limits		
Sample ID	WS72			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	1.60					
Solid Waste Analysis						
TOC (%)**	< 0.1			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	< 0.0010		< 0.0100	0.5	2	25
Barium *	0.0024		0.0215	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.0013		0.012	0.5	10	70
Copper *	0.0047		0.041	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0064		0.0566	0.5	10	30
Nickel *	0.0028		0.024	0.4	10	40
Lead *	< 0.0010		< 0.010	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0066		0.058	4	50	200
Chloride *	2.6		23	800	15000	25000
Fluoride	< 0.050		< 0.50	10	150	500
Sulphate *	6.6		58	1000	20000	50000
TDS*	25		220	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	10.7		94.1	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	2.0					
Dry Matter (%)	87					
Moisture (%)	13					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761974 / 1761975			Landfill Waste Acceptance Criteria		
Sampling Date	11/01/2021			Limits		
Sample ID	WS75			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.35					
Solid Waste Analysis						
TOC (%)**	1.3			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	1.69			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	0.0025		0.0215	0.5	2	25
Barium *	0.0078		0.0679	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.0035		0.031	0.5	10	70
Copper *	0.0096		0.084	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0079		0.0688	0.5	10	30
Nickel *	0.0028		0.025	0.4	10	40
Lead *	< 0.0010		< 0.010	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.0030		0.026	4	50	200
Chloride *	1.4		13	800	15000	25000
Fluoride	0.50		4.4	10	150	500
Sulphate *	40		350	1000	20000	50000
TDS*	100		900	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	12.0		105	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.0					
Dry Matter (%)	93					
Moisture (%)	7.5					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes as defined by the Waste (England and Wales) Regulations 2011 (as amended) and EA Guidance WM3. This analysis is only applicable for landfill acceptance criteria (The Environmental Permitting (England and Wales) Regulations) and does not give any indication as to whether a waste may be hazardous or non-hazardous.						

i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761976 / 1761977			Landfill Waste Acceptance Criteria		
Sampling Date	11/01/2021			Limits		
Sample ID	WS76a			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.20					
Solid Waste Analysis						
TOC (%)**	2.4			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	3.52			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	0.0031		0.0286	0.5	2	25
Barium *	0.0091		0.0846	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.0012		0.011	0.5	10	70
Copper *	0.022		0.20	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0042		0.0390	0.5	10	30
Nickel *	0.0035		0.033	0.4	10	40
Lead *	0.0015		0.014	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.015		0.14	4	50	200
Chloride *	1.4		13	800	15000	25000
Fluoride	0.13		1.2	10	150	500
Sulphate *	4.9		46	1000	20000	50000
TDS*	48		450	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	7.26		67.4	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.7					
Dry Matter (%)	93					
Moisture (%)	6.8					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
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i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761978 / 1761979			Landfill Waste Acceptance Criteria		
Sampling Date	11/01/2021			Limits		
Sample ID	WS77			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.40					
Solid Waste Analysis						
TOC (%)**	2.9			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1			10:1	Limit values for compliance leaching test	
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l			mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)	
Arsenic *	0.0019			0.0163	0.5	2
Barium *	0.0087			0.0763	20	100
Cadmium *	< 0.0001			< 0.0008	0.04	1
Chromium *	0.0005			0.0046	0.5	10
Copper *	0.0063			0.055	2	50
Mercury *	< 0.0005			< 0.0050	0.01	0.2
Molybdenum *	0.0049			0.0433	0.5	10
Nickel *	0.0054			0.048	0.4	10
Lead *	< 0.0010			< 0.010	0.5	10
Antimony *	< 0.0017			< 0.017	0.06	0.7
Selenium *	< 0.0040			< 0.040	0.1	0.5
Zinc *	0.0065			0.057	4	50
Chloride *	1.8			16	800	15000
Fluoride	0.15			1.3	10	150
Sulphate *	16			140	1000	20000
TDS*	66			580	4000	60000
Phenol Index (Monohydric Phenols) *	< 0.010			< 0.10	1	-
DOC	9.26			81.2	500	800
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	2.0					
Dry Matter (%)	88					
Moisture (%)	12					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes as defined by the Waste (England and Wales) Regulations 2011 (as amended) and EA Guidance WM3. This analysis is only applicable for landfill acceptance criteria (The Environmental Permitting (England and Wales) Regulations) and does not give any indication as to whether a waste may be hazardous or non-hazardous.						

i2 Analytical

7 Woodshots Meadow
Croxley Green Business Park
Watford, WD18 8YS

Telephone: 01923 225404
Fax: 01923 237404
email:reception@i2analytical.com

Waste Acceptance Criteria Analytical Results						
Report No:	21-55330					
				Client: PARAGONBC		
Location	Longcross					
Lab Reference (Sample Number)	1761980 / 1761981			Landfill Waste Acceptance Criteria		
Sampling Date	11/01/2021			Limits		
Sample ID	WS78			Inert Waste Landfill	Stable Non-reactive HAZARDOUS waste in non-hazardous Landfill	Hazardous Waste Landfill
Depth (m)	0.50					
Solid Waste Analysis						
TOC (%)**	1.6			3%	5%	6%
Loss on Ignition (%) **	-			--	--	10%
BTEX (µg/kg) **	< 10			6000	--	--
Sum of PCBs (mg/kg) **	< 0.007			1	--	--
Mineral Oil (mg/kg)	< 10			500	--	--
Total PAH (WAC-17) (mg/kg)	< 0.85			100	--	--
pH (units)**	-			--	>6	--
Acid Neutralisation Capacity (mol / kg)	-			--	To be evaluated	To be evaluated
Eluate Analysis						
	10:1		10:1	Limit values for compliance leaching test		
(BS EN 12457 - 2 preparation utilising end over end leaching procedure)	mg/l		mg/kg	using BS EN 12457-2 at L/S 10 l/kg (mg/kg)		
Arsenic *	0.0014		0.0131	0.5	2	25
Barium *	0.0148		0.138	20	100	300
Cadmium *	< 0.0001		< 0.0008	0.04	1	5
Chromium *	0.0006		0.0053	0.5	10	70
Copper *	0.0042		0.039	2	50	100
Mercury *	< 0.0005		< 0.0050	0.01	0.2	2
Molybdenum *	0.0053		0.0492	0.5	10	30
Nickel *	0.0048		0.045	0.4	10	40
Lead *	0.0012		0.011	0.5	10	50
Antimony *	< 0.0017		< 0.017	0.06	0.7	5
Selenium *	< 0.0040		< 0.040	0.1	0.5	7
Zinc *	0.027		0.25	4	50	200
Chloride *	1.8		17	800	15000	25000
Fluoride	< 0.050		< 0.50	10	150	500
Sulphate *	25		230	1000	20000	50000
TDS*	63		590	4000	60000	100000
Phenol Index (Monohydric Phenols) *	< 0.010		< 0.10	1	-	-
DOC	5.60		52.1	500	800	1000
Leach Test Information						
Stone Content (%)	< 0.1					
Sample Mass (kg)	1.7					
Dry Matter (%)	82					
Moisture (%)	18					
Results are expressed on a dry weight basis, after correction for moisture content where applicable. * = UKAS accredited (liquid eluate analysis only)						
Stated limits are for guidance only and i2 cannot be held responsible for any discrepancies with current legislation ** = MCERTS accredited						
Landfill WAC analysis (specifically leaching test results) must not be used for hazardous waste classification purposes as defined by the Waste (England and Wales) Regulations 2011 (as amended) and EA Guidance WM3. This analysis is only applicable for landfill acceptance criteria (The Environmental Permitting (England and Wales) Regulations) and does not give any indication as to whether a waste may be hazardous or non-hazardous.						

APPENDIX 8: SUMMARY DATA TABLE



Ark Site A, Longcross Film Studios
Waste Classification

Borehole	Easting	Northing	Depth (mBgl)	Geology	Sample Composition	Classification Haz Waste	WAC required?	Final Classification
W501	497828.601	165667.4683	0.2	MADE GROUND comprising black sandy gravel. Gravel comprised fine to coarse, angular to sub-angular brick and concrete. Sand is fine to coarse ash.	MG	Non Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W501	497828.601	165667.4683	0.5	Grey SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W502	497855.3469	165666.0317	0.1	MADE GROUND comprising red and brown sandy gravel of fine to coarse, angular brick. Sand is fine to coarse ash.	MG	Non Hazardous	YES - Likely to be inert	Stable Nonreactive HAZARDOUS waste in non-hazardous landfill
W503	497884.1987	165676.7024	0.05	MADE GROUND comprising black, grey and brown sandy gravel with fine to coarse, angular to sub-angular brick, concrete and clinker. Sand is fine to coarse ash.	MG	Non Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W503	497884.1987	165676.7024	0.5	Orange and brown SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W504	497909.4039	165685.0411	0.2	Orange and grey silty SAND. Sand is fine.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W505	497932.8029	165644.5619	0.2	MADE GROUND comprising brown and black sandy clayey gravel. Gravel comprised fine to medium brick and clinker. Sand is fine to coarse ash.	MG	Non Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W505	497932.8029	165644.5613	0.5	Orange and brown SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W506	497859.218	165651.7203	0.2	MADE GROUND comprising brown and black sandy clayey gravel. Gravel comprised fine to medium brick and clinker. Sand is fine to coarse ash.	MG	Non Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W506	497859.218	165651.7203	0.5	Grey, orange and brown SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W507	497889.0139	165659.1106	0.3	MADE GROUND comprising black and brown sandy gravel of brick and clinker. Sand is fine to coarse ash.	MG	Non Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W507	497889.0139	165659.1106	0.8	Grey SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W508	497902.1212	165657.0624	0.1	tarmac, conc, brick ash	MG	Non Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W508	497902.1212	165657.0624	0.5	Orange, brown and grey SAND. Sand is fine to coarse.	Nat	Non Hazardous	YES - Likely to be inert	inert Waste Landfill
W509	497921.1539	165655.3568	0.2	MADE GROUND comprising grey and brown sandy gravel. Gravel comprised fine to coarse sub-angular flint and brick. Sand is fine to coarse.	MG	Non Hazardous	YES - Likely to be inert	inert Waste Landfill
W509	497921.1539	165655.3568	1.5	Orange, brown and grey SAND. Sand is fine to coarse.	Nat	Non Hazardous	YES - Likely to be inert	inert Waste Landfill
W510	497836.9884	165626.4407	0.25	MADE GROUND comprising black and orange sandy gravel of fine to coarse, angular brick, concrete and tarmac. Sand is coarse. (SUB-BASE)	MG	Non Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W510	497836.9884	165626.4407	0.5	Orange SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W511	497864.2622	165632.9512	0.5	MADE GROUND comprising light brown and grey sandy gravel of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	MG	Non Hazardous	YES - Likely to be inert	inert Waste Landfill
W512	497893.7062	165640.5761	0.4	MADE GROUND comprising black gravelly sand. Gravel comprised fine to coarse angular brick. Sand is fine to coarse.	MG	Non Hazardous	YES - Likely to be inert	inert Waste Landfill
W512	497893.7062	165640.5761	0.8	Brown and orange clayey SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W513	497821.0954	165599.5076	0.4	MADE GROUND comprising brown sandy gravel of fine to coarse, sub-angular to angular brick and concrete and sub-rounded to rounded flint.	MG	Non Hazardous	YES - Likely to be inert	inert Waste Landfill
W513	497821.0954	165599.5076	0.8	Green, orange and brown SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W514	497837.1057	165601.2784	0.4	MADE GROUND comprising orange and black sandy gravel of fine to coarse, sub-angular to angular brick and concrete and sub-rounded to rounded flint.	MG	Non Hazardous	YES - Likely to be inert	inert Waste Landfill
W514	497837.1057	165601.2784	1	MADE GROUND comprising orange and black sandy gravel of fine to coarse, sub-angular to angular brick and concrete and sub-rounded to rounded flint.	MG	Non Hazardous	YES - Likely to be inert	inert Waste Landfill
W514	497837.1057	165601.2784	0.5	Green, orange and brown SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W515	497869.2477	165617.2321	0.15	MADE GROUND comprising light brown and grey sandy gravel of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	MG	Non Hazardous	YES - Likely to be inert	inert Waste Landfill
W515	497869.2477	165617.2321	0.5	Interbedded, green, orange, brown and grey gravelly, silty SAND. Gravel comprised fine to coarse, sub-rounded flint. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W516	497874.9957	165618.4052	0.3	MADE GROUND comprising black and brown sandy gravelly sand. Gravel comprised fine to coarse, sub-angular to angular brick, flint and concrete. Sand is fine to coarse.	MG	Non Hazardous	YES - Likely to be inert	inert Waste Landfill
W516	497874.9957	165618.4052	0.8	Orange and brown SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W517a	497890.2756	165624.4099	0.3	MADE GROUND comprising light brown and grey sandy gravel of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	MG	Non Hazardous	YES - Likely to be inert	inert Waste Landfill
W518b	497895.2076	165629.3419	0.5	MADE GROUND comprising black and brown sandy gravel of fine to coarse, sub-angular to angular brick and concrete and fine to coarse, rounded mixed lithologies. Sand is fine to coarse ash.	MG	Non Hazardous	YES - Likely to be inert	Stable Nonreactive HAZARDOUS waste in non-hazardous landfill
W519	497927.1372	165640.5761	0.2	MADE GROUND comprising black and brown sandy gravel of fine to coarse, sub-angular brick. Sand is fine to coarse.	MG	Non Hazardous	YES - Likely to be inert	inert Waste Landfill
W519	497927.1372	165640.5761	1.2	Green, orange and brown gravelly SAND. Gravel comprised fine to coarse, sub-angular brick. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W520	497830.1846	165590.4882	0.5	MADE GROUND comprising black and brown sandy gravel of fine to coarse, sub-angular brick, concrete and clinker with fragments of tile. Cobbles of concrete present.	MG	Non Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W520	497830.1846	165590.4882	1.2	Greenish grey and orange SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W521	497870.4208	165606.088	0.15	MADE GROUND comprising light brown and grey sandy gravel of fine to coarse, angular brick and concrete with fragments of tarmac and rounded mixed lithologies. Sand is coarse. (SUB-BASE)	MG	Non Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W521	497870.4208	165606.088	0.5	Brown sandy GRAVEL. Gravel comprised fine to coarse, sub-angular to round flint. Cobbles of flint present.	MG	Non Hazardous	NO - inert	inert Waste Landfill
W522	497874.7611	165607.4957	0.3	MADE GROUND comprising black, grey and orange sandy gravel. Gravel comprised fine to coarse, sub-angular to angular, brick and flint. Sand is fine to coarse ash.	MG	Non Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W522	497874.7611	165607.4957	1.3	Orange and grey SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W524	497895.2244	165611.7187	0.15	MADE GROUND comprising light brown and grey sandy gravel of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	MG	Non Hazardous	YES - Likely to be inert	inert Waste Landfill
W524	497895.2244	165611.7187	0.5	Orange SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W525	497902.7974	165613.5956	0.5	Orange SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W526	497825.4549	165581.497	0.4	MADE GROUND comprising red and brown sandy gravel. Gravel comprised fine to coarse, sub-angular to angular brick.	MG	Non Hazardous	YES - Likely to be inert	inert Waste Landfill
W526	497825.4549	165581.497	0.8	Greenish grey and orange SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W527	497840.8595	165584.5035	0.5	MADE GROUND comprising black sandy gravel. Gravel comprised fine to coarse, sub-angular to angular, brick, concrete, and clinker. Sand is fine to coarse ash. Cobbles of brick and concrete present.	MG	Non Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W527	497840.8595	165584.5035	1.4	MADE GROUND comprising black sandy gravel. Gravel comprised fine to coarse, sub-angular to angular, brick, concrete, and clinker. Sand is fine to coarse ash. Cobbles of brick and concrete present.	MG	Non Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W527	497840.8595	165584.5035	0.5	Grey and brown SILT.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W528	497873.8227	165596.8207	0.15	MADE GROUND comprising light brown and grey sandy gravel of fine to coarse, angular brick and concrete with fragments of tarmac and rounded mixed lithologies. Sand is coarse. (SUB-BASE)	MG	Non Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W528	497873.8227	165596.8207	0.5	Brown and grey SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W529	497880.0399	165598.5803	0.3	MADE GROUND comprising black, grey and orange sandy gravel. Gravel comprised fine to coarse, sub-angular to angular brick and flint. Sand is fine to coarse ash.	MG	Non Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W529	497880.0399	165598.5803	1.3	Brown sandy SAND. Gravel comprised fine to coarse rounded mixed lithologies. Sand is fine to coarse.	MG	Non Hazardous	NO - inert	inert Waste Landfill
W530	497915.9045	165606.6855	0.1	tarmac, clinker ash	MG	Non Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W530	497915.9045	165606.6855	0.8	Brown and grey, silty SAND. Sand is fine.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W531	497857.457	165576.0033	0.5	Grey, silty SAND. Sand is fine.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W531	497857.457	165574.4513	0.5	Orange and brown SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W533	497887.454	16578.7228	0.5	Orange and brown SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W534	497864.323	16586.2999	0.5	Grey and brown sandy GRAVEL. Gravel is fine to coarse, sub-rounded to angular mixed lithologies. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W534	497864.323	16586.2960	1.5	Orange and brown SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W535	497840.6875	165588.2574	0.1	MADE GROUND comprising grey and brown, sandy gravel with ash. Gravel comprised fine to coarse, angular tarmac and brick. Sand is fine to coarse. Whole brick cobbles present. (SUB-BASE)	MG	Non Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W535	497840.6875	165588.2574	0.5	Orange grey silty SAND. Sand is fine.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W536	497824.4991	165575.7055	0.2	MADE GROUND comprising grey and brown, sandy gravel with ash. Gravel comprised fine to coarse, angular tarmac and brick. Sand is fine to coarse. Whole brick cobbles present. (SUB-BASE)	MG	Non Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W536	497824.4991	165575.7055	0.75	Orange and grey SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W537	497865.6112	165547.0827	0.5	Grey and orange, silty SAND. Sand is fine.	Nat	Non Hazardous	YES - Likely to be inert	inert Waste Landfill
W538	497880.2745	165550.6019	0.2	MADE GROUND comprising light brown and grey sandy gravel of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	MG	Non Hazardous	YES - Likely to be inert	Stable Nonreactive HAZARDOUS waste in non-hazardous landfill
W538	497880.2745	165550.6015	0.5	Grey and orange, silty SAND. Sand is fine.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W539	497895.2244	165555.1769	0.2	MADE GROUND comprising light brown and grey sandy gravel of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	MG	Non Hazardous	YES - Likely to be inert	inert Waste Landfill
W539	497895.2244	165555.1769	0.5	Grey and orange, silty SAND. Sand is fine.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W540	497911.1127	165538.9307	0.5	Grey and orange SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W541	497869.8342	165529.404	0.15	MADE GROUND comprising light brown and grey sandy gravel of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	MG	Non Hazardous	YES - Likely to be inert	inert Waste Landfill
W541	497869.8342	165529.404	0.5	Grey and orange SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W542	497885.4654	165534.0617	0.15	MADE GROUND comprising light brown and grey sandy gravel of fine to coarse, angular concrete with occasional black tarmac. Sand is coarse. (SUB-BASE)	MG	Non Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W542	497885.4654	165534.0617	0.5	Grey and orange SILT.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W543	497900.9792	165537.9035	0.15	MADE GROUND comprising light brown and grey sandy gravel of fine to coarse, angular concrete with occasional black tarmac. Sand is coarse. (SUB-BASE)	MG	Non Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W543	497900.9792	165537.9035	0.5	Grey and orange SILT.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W544	497916.229	165541.5693	0.2	MADE GROUND comprising light brown and grey sandy gravel of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	MG	Non Hazardous	YES - Likely to be inert	Stable Nonreactive HAZARDOUS waste in non-hazardous landfill
W544	497916.229	165541.5693	0.5	Orange and grey SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W545	497971.5217	165556.0259	0.4	MADE GROUND comprising black, brown and green sandy gravel. Gravel comprised fine to coarse sub-rounded flint, angular brick and angular concrete. Sand is fine to coarse. (REWORKED NATURAL DEPOSITS)	MG	Non Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W545	497971.5217	165556.0259	0.9	Brown SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W546	497936.0246	165531.3343	0.1	tarmac ash	MG	Non Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W546	497936.0246	165531.3343	0.6	Orange and grey SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W547	497955.2725	165530.2393	0.1	tarmac	MG	Non Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W547	497955.2725	165530.2393	0.5	Orange brown and grey silty SAND. Sand is fine.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W548	497847.546	165488.3121	0.2	MADE GROUND comprising light brown and grey sandy gravel of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	MG	Non Hazardous	YES - Likely to be inert	Stable Nonreactive HAZARDOUS waste in non-hazardous landfill
W548	497847.546	165488.3121	0.5	Green, brown and orange mottled SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill
W549	497855.0683	165489.8371	0.15	MADE GROUND comprising light brown and grey sandy gravel of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	MG	Non Hazardous	YES - Likely to be inert	Stable Nonreactive HAZARDOUS waste in non-hazardous landfill
W549	497855.0683	165489.8371	0.5	Green, brown and orange mottled SAND. Sand is fine to coarse.	Nat	Non Hazardous	NO - inert	inert Waste Landfill

Borehole	Eastings	Northing	Depth (magl)	Geology	Sample Composition	Classification Haz Waste	WAC required?	Final Classification
W500	497879.4534	165495.8197	0.1	MADE GROUND comprising brown gravelly sand. Gravel comprised fine to coarse, angular brick and concrete with sub-rounded flint.	MG	Non-Hazardous	YES - Likely to be inert	Inert Waste Landfill
W501	497879.4534	165495.8197	0.5	Grey silt	Nat	Non-Hazardous	NO - inert	Inert Waste Landfill
W511	497895.4071	165499.8081	0.15	MADE GROUND comprising light brown and grey sandy gravel of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	MG	Non-Hazardous	YES - Likely to be inert	Stable Nonreactive HAZARDOUS waste in non-hazardous landfill
W511	497895.4071	165499.8081	0.5	Grey silt	Nat	Non-Hazardous	NO - inert	Inert Waste Landfill
W512	497909.5185	165503.5273	0.15	MADE GROUND comprising light brown and grey sandy gravel of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	MG	Non-Hazardous	YES - Likely to be inert	Inert Waste Landfill
W512	497909.5185	165503.5273	0.5	Brown and orange SAND. Sand is fine to coarse.	Nat	Non-Hazardous	NO - inert	Inert Waste Landfill
W513	497924.6884	165508.2542	0.3	MADE GROUND comprising black, brown, orange and grey, gravelly, sandy clay. Gravel is fine to coarse, sub-angular to angular brick and sub-rounded to rounded flint.	MG	Non-Hazardous	YES - Likely to be inert	Inert Waste Landfill
W513	497924.6884	165508.2542	0.8	Orange and brown SAND. Sand is fine to coarse.	Nat	Non-Hazardous	NO - inert	Inert Waste Landfill
W514	497979.9325	165525.0431	0.2	ash	MG	Non-Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W514	497979.9325	165525.0431	1.5	Green, orange and brown sandy GRAVEL. Gravel comprised fine to coarse, sub-rounded flint. Sand is fine to coarse.	Nat	Non-Hazardous	NO - inert	Inert Waste Landfill
W515	497853.3087	165480.8631	0.15	MADE GROUND comprising light brown and grey sandy gravel of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	MG	Non-Hazardous	YES - Likely to be inert	Stable Nonreactive HAZARDOUS waste in non-hazardous landfill
W515	497853.3087	165480.8631	0.5	Green, brown and orange mottled SAND. Sand is fine to coarse.	Nat	Non-Hazardous	NO - inert	Inert Waste Landfill
W516	497846.4066	165498.4602	0.3	subbase ash brick clinker	MG	Non-Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W516	497846.4066	165498.4602	0.7	Orange and grey coated SAND. Sand is fine to coarse.	Nat	Non-Hazardous	NO - inert	Inert Waste Landfill
W517	497857.4731	165468.37	0.15	MADE GROUND comprising light brown and grey sandy gravel of fine to coarse, angular concrete. Sand is coarse. (SUB-BASE)	MG	Non-Hazardous	YES - Likely to be inert	Stable Nonreactive HAZARDOUS waste in non-hazardous landfill
W517	497857.4731	165468.37	0.5	Green, brown and orange mottled SAND. Sand is fine to coarse.	Nat	Non-Hazardous	NO - inert	Inert Waste Landfill
W518	497972.3583	165492.1044	0.3	Topsoil brick sand pit	MG	Non-Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W518	497972.3583	165492.1044	0.75	MADE GROUND comprising brown sandy clayey gravel. Gravel comprised fine to coarse sub-rounded flint. Sand is fine to coarse. (REWORKED NATURAL DEPOSITS)	MG	Non-Hazardous	YES - Likely to be inert	Inert Waste Landfill
W518	497972.3583	165492.1044	1.5	Brown and grey clayey SAND. Sand is fine to coarse.	Nat	Non-Hazardous	NO - inert	Inert Waste Landfill
W519	497855.2882	165460.1385	0.15	MADE GROUND comprising grey and brown, sandy gravel. Gravel comprised fine to coarse, angular concrete and brick. Sand is fine to coarse. (SUB-BASE)	MG	Non-Hazardous	YES - Likely to be inert	Stable Nonreactive HAZARDOUS waste in non-hazardous landfill
W519	497855.2882	165460.1385	0.5	Green, brown and orange mottled SAND. Sand is fine to coarse.	Nat	Non-Hazardous	NO - inert	Inert Waste Landfill
W520	497862.4346	165461.8394	0.15	MADE GROUND comprising grey and brown, sandy gravel. Gravel comprised fine to coarse, angular concrete and brick. Sand is fine to coarse. (SUB-BASE)	MG	Non-Hazardous	YES - Likely to be inert	Inert Waste Landfill
W520	497862.4346	165461.8394	0.5	MADE GROUND comprising dark brown, clayey, gravelly sand. Gravel comprised fine to coarse, sub-angular to angular brick and sub-rounded flint, with occasional roots and cobbles of flint.	MG	Non-Hazardous	YES - Likely to be inert	Inert Waste Landfill
W521	497867.6649	165464.6161	0.4	MADE GROUND comprising brown sandy gravelly clay. Gravel comprised fine to coarse, angular brick and sub-rounded flint.	MG	Non-Hazardous	YES - Likely to be inert	Inert Waste Landfill
W521a	497892.3013	165463.0187	0.5	MADE GROUND comprising brown and black, clayey gravelly sand. Gravel comprised fine to coarse, sub-angular to angular brick and concrete. Sand is fine to coarse. Cobbles of brick present.	MG	Non-Hazardous	YES - Likely to be inert	Inert Waste Landfill
W521b	497886.3766	165476.6258	0.2	MADE GROUND comprising brown and black, gravelly sand. Gravel comprised fine to coarse, sub-angular to angular brick and concrete. Sand is fine to coarse. Cobbles of brick and fragments of wood present.	MG	Non-Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W522	497902.2255	165468.1353	0.2	MADE GROUND comprising grey and brown, sandy gravel. Gravel comprised fine to coarse, angular concrete. Sand is fine to coarse. (SUB-BASE)	MG	Non-Hazardous	YES - Likely to be inert	Inert Waste Landfill
W522	497902.2255	165468.1353	0.5	Brown gravelly SAND. Gravel comprised fine to coarse, sub-rounded flint. Sand is fine to coarse.	Nat	Non-Hazardous	NO - inert	Inert Waste Landfill
W523	497918.2966	165471.7132	0.3	lar	MG	Non-Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W523	497918.2966	165471.7132	0.8	Brown, orange and grey SAND. Sand is fine to coarse.	Nat	Non-Hazardous	NO - inert	Inert Waste Landfill
W524	497931.224	165475.9302	0.2	ASB brick core	MG	Hazardous	YES - HA2	Hazardous Waste Landfill
W524a	497929.5115	165477.1542	0.2	MADE GROUND comprising brown and grey, sandy gravel. Gravel is fine to coarse, angular brick and concrete, and sub-rounded flint with fragments of glass and suspected asbestos cement.	MG	Non-Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W524a	497929.5115	165477.1542	0.5	Brown SAND. Sand is fine to coarse.	Nat	Non-Hazardous	NO - inert	Inert Waste Landfill
W525	497954.427	165474.4250	0.5	subbase ash tarmac, clinker	MG	Non-Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W525	497954.427	165474.4250	0.8	Green, brown and orange SAND. Sand is fine to coarse.	Nat	Non-Hazardous	NO - inert	Inert Waste Landfill
W526	497991.0228	165449.9528	0.2	brick brick and concrete	MG	Hazardous	YES - HA2	Hazardous Waste Landfill
W526	497991.0228	165449.9528	0.6	Brown and grey mottled slightly gravelly, silty SAND. Gravel comprised coarse, rounded flint. Sand is fine to coarse.	Nat	Non-Hazardous	YES - Likely to be inert	Inert Waste Landfill
W527	497913.7089	165455.4862	0.1	subbase tarmac	MG	Non-Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W527	497913.7089	165455.4862	0.5	Brown, orange and grey SAND. Sand is fine to coarse.	Nat	Non-Hazardous	YES - Likely to be inert	Inert Waste Landfill
W528	497938.18	165461.3316	0.2	ash	MG	Hazardous	YES - HA2	Hazardous Waste Landfill
W528	497938.18	165461.3316	0.5	Grey, brown and orange mottled, silty SAND. Sand is fine.	Nat	Non-Hazardous	NO - inert	Inert Waste Landfill
W529	497954.4857	165447.724	0.3	tarmac/cam	Nat	Non-Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W529b	497963.3952	165446.3291	0.5	MADE GROUND comprising black and brown sandy gravel of fine to coarse, subangular brick.	MG	Non-Hazardous	YES - Likely to be inert	Inert Waste Landfill
W530	497938.249	165431.1148	0.4	big black clay sand brick core	MG	Hazardous	YES - HA2	Hazardous Waste Landfill
W530	497938.249	165431.1148	0.8	brown silty SAND. Sand is fine.	Nat	Non-Hazardous	YES - Likely to be inert	Inert Waste Landfill
W531	497993.5783	165424.4874	0.2	ASB cement	MG	Hazardous	YES - HA2	Hazardous Waste Landfill
W531	497993.5783	165424.4874	0.4	Grey silty SAND. Sand is fine.	Nat	Non-Hazardous	NO - inert	Inert Waste Landfill
W532	497910.4957	165418.8665	0.5	clinker ash to colour	MG	Non-Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W532	497910.4957	165418.8665	1.2	reworked clay clinker	MG	Non-Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W532	497910.4957	165418.8665	1.8	Green gravelly SAND. Gravel comprised fine to coarse, sub-rounded flint. Sand is fine to coarse.	Nat	Non-Hazardous	YES - Likely to be inert	Inert Waste Landfill
W533a	497884.595	165422.0234	0.5	MADE GROUND comprising brown and red gravelly sand. Gravel is fine to coarse, angular brick, with fragments of glass and suspected asbestos cement.	MG	Hazardous	YES - HA2	Hazardous Waste Landfill
W533a	497884.595	165422.0234	1.2	Orange, green and brown mottled gravelly SAND. Gravel is fine to coarse, sub-rounded flint. Sand is fine to coarse.	Nat	Non-Hazardous	NO - inert	Inert Waste Landfill
W534	497888.5744	165407.4878	0.3	ash clinker	MG	Non-Hazardous	NO - Non Haz	Non-Hazardous Waste Landfill
W534	497888.5744	165407.4878	1.2	Greenish brown sandy GRAVEL. Gravel comprised fine to coarse, angular flint. Sand is fine to coarse.	Nat	Non-Hazardous	NO - inert	Inert Waste Landfill
W535	497909.3666	165407.8397	0.5	Brown and dark brown, gravelly SAND. Gravel is fine to coarse sub-rounded flint. Sand is fine to coarse.	Nat	Non-Hazardous	NO - inert	Inert Waste Landfill
W535	497909.3666	165407.8397	0.35	MADE GROUND comprising orange and brown sandy gravel. Gravel comprised fine to coarse angular brick and flint. Sand is fine to coarse.	MG	Non-Hazardous	YES - Likely to be inert	Inert Waste Landfill
W535	497909.3666	165407.8397	0.5	Green, orange and brown mottled sandy GRAVEL. Gravel is fine to coarse sub-rounded to angular flint. Sand is fine to coarse.	Nat	Non-Hazardous	NO - inert	Inert Waste Landfill
W536	497914.6742	165407.3124	0.2	MADE GROUND comprising black gravel. Gravel is fine to coarse mixed lithologies.	MG	Non-Hazardous	YES - Likely to be inert	Inert Waste Landfill
W537	497888.1341	165404.0859	0.4	MADE GROUND comprising brown gravelly sand. Gravel is fine to coarse angular brick, sub-rounded to angular flint. Sand is fine to coarse. (REWORKED NATURAL DEPOSITS)	MG	Non-Hazardous	YES - Likely to be inert	Inert Waste Landfill
W537	497888.1341	165404.0859	1.5	Green, orange and brown mottled sandy GRAVEL. Gravel is fine to coarse sub-rounded to angular flint. Sand is fine to coarse.	Nat	Non-Hazardous	NO - inert	Inert Waste Landfill
W538	497881.8142	165398.6898	0.5	MADE GROUND comprising brown and reddish brown clayey sand. Gravel is fine to coarse, sub-rounded flint. Sand is fine to coarse. Occasional cobbles of sub-rounded flint.	MG	Non-Hazardous	YES - Likely to be inert	Inert Waste Landfill
W538	497881.8142	165398.6898	1.5	Green, orange and grey mottled gravelly SAND. Gravel is fine to coarse sub-rounded to angular flint. Sand is fine to coarse.	Nat	Non-Hazardous	NO - inert	Inert Waste Landfill
W539	497906.1993	165398.8071	0.5	MADE GROUND comprising brown and grey, clayey sandy gravel of fine to coarse, angular brick and whole brick. Sand is fine to coarse.	MG	Non-Hazardous	YES - Likely to be inert	Inert Waste Landfill
W539	497906.1993	165398.8071	1.5	Green sandy GRAVEL. Gravel comprised fine to coarse sub-rounded flint. Sand is fine to coarse.	Nat	Non-Hazardous	NO - inert	Inert Waste Landfill

APPENDIX 9: EXTENT OF SURVEY AND LIMITATIONS

EXTENT OF SURVEY AND LIMITATIONS

This report is for your sole use, and consequently no responsibility whatsoever is undertaken or accepted to any third party for the whole or any part of its contents. Paragon accept no responsibility or liability for the consequences of this document being used for any purpose or project other than for which it was commissioned or a third party with whom an agreement has not been executed. Should any third party wish to use or rely upon the contents of the report, written approval must be sought from Paragon, a charge may be levied against such approval.

The report has been designed to address potential source, pathway and receptor pollutant linkages associated with the proposed development, by means of intrusive investigation. The content and findings of the report are based on data obtained by employing site assessment methods and techniques, considered appropriate to the site as far as can be interpreted from desk-based materials and a visual walkover of the site. Such techniques and methods are subject to limitations and constraints set out in the report. The findings and opinions are relevant at the time of writing, and should not be relied upon at a substantially later date as site conditions can change. For example, seasonal groundwater levels, natural degradation of contaminants etc.

No liability can be accepted for the conditions that have not been revealed by the exploratory hole locations, or those which occur between each location. Whilst every effort will be made to interpolate the conditions between exploratory locations, such information is only indicative and liability cannot be accepted for its accuracy. By their nature, exploratory holes provide a relatively small and localised snapshot of the ground conditions relative to the size of the site.

Specific comment is made regarding the site's status under Part 2A of the Environmental Protection Act (EPA) 1990, which provides a statutory definition of Contaminated Land and as revised under The Contaminated Land (England) (Amendment) Regulations 2012. Unless specifically stated as relating to this definition, references to 'contamination' and 'contaminants' relate in general terms to the presence of potentially hazardous substances in, on or under the site.

The opinions given within this report have been dictated by the finite data on which they are based and are relevant only to the purpose for which the report was commissioned. If additional information or data becomes available which may affect the opinions expressed in this report, Paragon reserves the right to review such information and, if warranted, to modify the opinions accordingly. Paragon reserves the right to charge additional fees for; un-anticipated second opinion reviewing of previous reports.

Paragon has prepared this report with reasonable skill, care and diligence. The recommendations contained in this report represent our professional opinions. These opinions were arrived at in accordance with currently accepted industry practices at this time. The work undertaken to provide the basis of this report comprised a study of available documented information from a variety of sources. We cannot provide guarantees or warranties for the accuracy of third-party data, which is reviewed in good faith and assumed to be representative and accurate.

It should be noted that any risks identified in this report are perceived risks based on the information reviewed. No liability can be accepted for the effects of any future changes to such guidelines and legislation. In the event that guidance / legislation changes it may be necessary for Paragon to update or modify reports. The risk assessment is completed in line with the relevant land use agreed for the site and the time of completing the works. Changes to site conditions or land use may require a reassessment.