

WASTE CLASSIFICATION REPORT & WAC TESTING

AT:

**CASTLE HILL ROAD
WOODGATE HILL
BURY
GREATER MANCHESTER
BL9 6TP**

**PREPARED FOR: STRABAG UK LIMITED
REPORT No.: 8392
DATE: 20th MAY 2026**



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WASTE CLASSIFICATION AT LAND OFF CASTLE HILL ROAD, WOODGATE HILL, BURY, GREATER MANCHESTER, BL9 6TP

CLIENT: STRABAG UK LIMITED

1 INTRODUCTION

This report has been prepared in accordance with a Purchase Order No. RC-KST-GB-783-5605-00000007, dated 22nd April 2026 from the Client.

The brief was set out in our estimate, ref. E8483 dated 22nd April 2026 and includes:

- Chemical contamination analyses
- Waste Acceptance Criteria (WAC) analyses
- Waste Classification
- Provision of an interpretive report on soil waste classification

1.1 Site Location

The site is located off Castle Hill Road, Woodgate Hill, Bury, Greater Manchester at the approximate location indicated on Figure 1.

We understand from the Client that the specific area of investigation comprises part of an infilled quarry.

1.2 Purpose of the Waste Classification Report

The purpose of the waste classification report is to determine:

- Whether excavated soil intended to be taken off site and disposed of at landfill is hazardous
- The most appropriate landfill type
- Whether there is a requirement for waste acceptance criteria (WAC) analyses.
- Whether the excavated material is suitable for re-use as an alternative to disposal at landfill



2 INVESTIGATION

2.1 Investigation Details

Two samples of soil were taken from a trial pit by the Client and delivered to Sub Surface North West Limited for logging in accordance with BS.5930:2015+A1:2020 ^[1], and testing.

The sample details are as follows:

TABLE 1 SAMPLE DESCRIPTIONS

Sample Reference	Depth (m)	DETS Sample No.	Description
Sample 1	1.00	2681516	Made ground comprising soft dark grey slightly gravelly slightly sandy silty clay with occasional roots. Gravel comprises fine to medium mudstone and quartz.
Sample 2	1.00	2681517	Made ground comprising soft dark brown slightly gravelly slightly sandy silty clay with occasional roots. Gravel comprises fine to medium mudstone and quartz.

Each sample comprised 1 litre plastic tub, one 260ml amber glass jar, and one 60ml amber glass vial and the samples were transported to the testing laboratory in insulated containers.

2.2 Laboratory Testing

The contamination analyses listed below were performed by an MCERTS and UKAS accredited laboratory on the soil sample.

Arsenic
Asbestos Identification
Boron (soluble)
BTEX
Cadmium
Chromium
Copper
Cyanide
Hexavalent chromium
Lead
Mercury

Nickel
Organic matter
PAH (EPA16)
pH
Phenols
Selenium
Sulphate (Total)
Sulphide
TPH CWG
Zinc

Waste Acceptance Criteria (WAC) analyses were also undertaken on the soil samples.



We understand from the Client that the site was previously occupied by a quarry. Based on this brief assessment of the site history no persistent organic pollutants (POPs) were anticipated and consequently were not tested for (apart from polychlorinated biphenyl as part of the WAC suite). However, in the preparation of this report no consideration has been given to the detailed site history and we cannot guarantee that persistent organic pollutants (POPs) are not present in any legacy made ground arising from past industrial processes.

3 WASTE ASSESSMENT

3.1 Legislation

The EU Landfill Directive (1999/31/EC) limits the types and nature of waste that can be sent to landfill and in the UK is enacted into UK law by the Environmental Permitting (England and Wales) Regulations 2010 (EP).

Under the EP regulations:

- Certain kinds of waste cannot be landfilled.
- Landfills are classified according to whether they can accept hazardous, non-hazardous or inert wastes.
- Wastes can only be accepted at a landfill if they meet the waste acceptance criteria (WAC) for that class of landfill.
- Most wastes must be treated before they can be sent to landfill.

The waste classification has been undertaken in accordance with the guidance given in the Environment Agency technical guidance document WM3 '*Guidance on the classification and assessment of waste*'^[2] using the HazWasteOnline™ assessment tool.

3.2 Assessment

The material descriptions were compared with the List of Waste Regulations (LoW) which transposes into UK law the European Waste Catalogue 2002 (EWC 2002, Commission Decision 2000/532/EC). The material was assigned an initial LoW/EWC code of 17 05 03* (soil and stones containing hazardous substances) or 17 05 04 (soil and stones other than those mentioned in 17 05 03*). Waste codes marked with an asterisk are hazardous.

The results of the inorganic analyses are generally reported by the laboratory as total ions at dry weight concentrations. For waste classification purposes the values have been converted to wet weight concentrations and where applicable the ion concentrations have been converted to concentrations of the worst case compounds likely to be present. Details of the compounds considered and the conversions undertaken are given in the appended HazWasteOnline™ Waste Classification Report.



The converted analysis results were compared with Annex VI Tables 3.1 and 3.2 of the Classification, Labelling and Packaging of Substances (CLP) Regulations to determine the Hazard Statement Codes, Categories and Classes attributed to those compounds. Appendix C of WM3 was then used to find the Hazard Properties and thresholds for each Hazard Statement Code.

The final LoW/EWC code and hazard properties for the sample are given in the appended HazWasteOnline™ Waste Classification Report Sheets and are summarised in the following table:

TABLE 2 WASTE CLASSIFICATION OF SAMPLE

Location	Depth (m)	Waste Classification	Hazard Properties	LoW/EWC Code
Sample 1	1.00	Non-Hazardous	None	17 05 04
Sample 2	1.00	Non-Hazardous	None	17 05 04

Based on the testing completed to date, if it is intended to dispose of the excavated material to landfill, the material should be given a LoW/EWC code of 17 05 04 and described as 'soil and stones other than those mentioned in 17 05 03*'. The material should be disposed of at a registered Non-Hazardous landfill.

It should be noted that under the Landfill Directive (Council Directive 1999/31/EC) where technically feasible pre-treatment of the waste is required before disposal at a landfill site; this can include physical sorting.

The number of samples required for a given consignment is set out in the WM3 guidance and is dependent on the homogeneity of the material and the standard deviation of the results. Additional tests may therefore be required to satisfy the technical requirement of the WM3 guidance.

3.3 Waste Acceptance Criteria

WAC analyses are primarily intended to determine the leachable characteristics of the waste material and are required for disposal of material at engineered Inert or Hazardous landfill sites. The relationship between waste classification and WAC analyses is summarised in the following table:



TABLE 3 CLASSIFICATION AND WAC RELATIONSHIP

Classification	WAC Characteristics	Destination	WAC testing required under EP Regs
Non-Hazardous	Below inert thresholds	Inert landfill	Yes
Non-Hazardous	Above inert thresholds	Non-Hazardous landfill	No
Hazardous	Below hazardous thresholds*	Hazardous landfill	Yes

*Hazardous waste with leachable characteristics above the hazardous WAC threshold is not suitable for disposal at a landfill site without treatment.

Under the EP Regulations WAC analyses are not normally required for disposal of material at a registered Non-Hazardous landfill site, however, it should be noted that this is at the discretion of the waste receiver and a minority of waste carriers insist on WAC analyses regardless of the disposal route.

WAC analyses have been undertaken on the soil sample and the results are appended. One elevated concentration of total organic carbon (TOC) was recorded in Sample 1 (5.2%) when compared with the Inert threshold (3.0%).

Based on the above the material is unlikely to be accepted as Inert waste.

The number of WAC samples required for a given consignment is set out in the Environment Agency's guidance on 'Disposal of Waste at Landfill' ^[3] and is dependent on the homogeneity of the material and the quantity of waste to be disposed of. Additional tests may therefore be required to satisfy the technical requirement of the EA guidance, dependent on the final volume of material to be disposed of.

3.4 Summary

Based on the samples tested, in our opinion the excavated soil should be classified as follows:

TABLE 4 WASTE CLASSIFICATION AND EWC CODE

Waste Classification	Hazard Properties	Description	LoW/EWC Code	Destination
Non-Hazardous	None	Soil and stones other than those mentioned in 17 05 03*.	17 05 04	Non-Hazardous Landfill



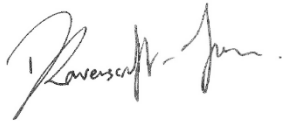
4 GENERAL

We trust that this report fulfils your present requirements but if you have any queries or we can be of further assistance please contact the undersigned or Mr Ben Osborne at our Preston office.

SUB SURFACE CONSULTANTS LIMITED

REPORT No. 8392

MAY 2026

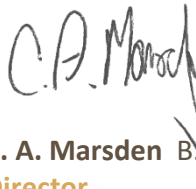


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Principal Geoenvironmental Engineer

For and on behalf of

Sub Surface Consultants Limited



C. A. Marsden B.Sc.(Hons.), C.Eng., M.I.C.E.

Director

For and on behalf of

Sub Surface Consultants Limited

5 REFERENCES

- [1] BSI, "BS5930:2015+A1:2020 'Code of Practice for Ground Investigations,'" British Standards Institute, London, 2015/2020.
- [2] Environment Agency, "Guidance on the classification and assessment of waste (1st Edition v1.2.GB) Technical Guidance WM3.," Environment Agency, Bristol, 2021.
- [3] Environment Agency, "Disposal of Waste to Landfill," 2020. [Online]. Available: <https://www.gov.uk/guidance/dispose-of-waste-to-landfill>.



CONTAMINATION ANALYSIS RESULTS

Certificate of Analysis

Certificate Number 26-10694

Issued: 15-May-26

Client Sub Surface Laboratories Ltd
3 Peel Street
Preston
Lancashire
PR2 2QS

Our Reference 26-10694

Client Reference ~ 8392

Order No ~ (not supplied)

Contract Title ~ Wood Gate Hill, Rosendale

Description 2 Soil samples, 2 Leachate prepared by DETS samples.

Date Received 06-May-26

Date Started 06-May-26

Date Completed 15-May-26

Test Procedures Identified by prefix DETSn (details on request).

Notes Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved By

A handwritten signature in black ink, appearing to read "R Irfan".

Reyhan Irfan
Operations Manager



Summary of Chemical Analysis

Soil Samples

Our Ref 26-10694

Client Ref ~ 8392

Contract Title ~ Wood Gate Hill, Rosendale

Lab No	2681516	2681517
Sample ID ~	S1	S2
Depth ~	1.00	1.00
Other ID ~		
Sample Type ~	SOIL	SOIL
Sampling Date ~	30/04/2026	30/04/2026
Sampling Time ~	n/s	n/s

Test	Method	LOD	Units		
Preparation					
Moisture Content	DETSC 1004	0.1	%	28	15
Metals					
Arsenic	DETSC 2301#	0.2	mg/kg	19	7.3
Boron, Water Soluble (2.5:1)	DETSC 2311#	0.2	mg/kg	1.5	0.5
Cadmium	DETSC 2301#	0.1	mg/kg	0.5	0.2
Chromium	DETSC 2301#	0.15	mg/kg	69	28
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	38	33
Lead	DETSC 2301#	0.3	mg/kg	73	32
Mercury	DETSC 2325#	0.05	mg/kg	0.17	< 0.05
Molybdenum	DETSC 2301#	0.4	mg/kg	2.8	1.2
Nickel	DETSC 2301#	1	mg/kg	18	32
Selenium	DETSC 2301#	0.5	mg/kg	< 0.5	< 0.5
Zinc	DETSC 2301#	1	mg/kg	97	76
Inorganics					
pH	DETSC 2008#		pH	8.5	7.8
Cyanide, Total	DETSC 2130#	0.1	mg/kg	0.3	0.1
Organic matter	DETSC 2002#	0.1	%	4.4	2.3
Sulphide	DETSC 2024*	10	mg/kg	92	64
Sulphate as SO ₄ , Total	DETSC 2321#	0.01	%	0.32	0.24
Petroleum Hydrocarbons					
Aliphatic C5-C6: HS_1D_AL	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01
Aliphatic C6-C8: HS_1D_AL	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01
Aliphatic C8-C10: HS_1D_AL	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01
Aliphatic C10-C12: EH_CU_1D_AL	DETSC 3072#	1.5	mg/kg	< 1.5	< 1.5
Aliphatic C12-C16: EH_CU_1D_AL	DETSC 3072#	1.2	mg/kg	< 1.2	< 1.2
Aliphatic C16-C21: EH_CU_1D_AL	DETSC 3072#	1.5	mg/kg	< 1.5	< 1.5
Aliphatic C21-C35: EH_CU_1D_AL	DETSC 3072#	3.4	mg/kg	< 3.4	< 3.4
Aliphatic C35-C40: EH_CU_1D_AL	DETSC 3072*	3.4	mg/kg	< 3.4	< 3.4
Aliphatic C10-C44: EH_CU_1D_AL	DETSC 3072*	10	mg/kg	< 10	< 10
Aliphatic C5-C40: EH_CU+HS_1D_AL	DETSC 3072*	10	mg/kg	< 10	< 10
Aliphatic C5-C44: EH_CU+HS_1D_AL	DETSC 3072*	10	mg/kg	< 10	< 10
Aromatic C5-C7: HS_1D_AR	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01
Aromatic C7-C8: HS_1D_AR	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01
Aromatic C8-C10: HS_1D_AR	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01
Aromatic C10-C12: EH_CU_1D_AR	DETSC 3072#	0.9	mg/kg	< 0.9	< 0.9
Aromatic C12-C16: EH_CU_1D_AR	DETSC 3072#	0.5	mg/kg	< 0.5	< 0.5
Aromatic C16-C21: EH_CU_1D_AR	DETSC 3072#	0.6	mg/kg	< 0.6	< 0.6
Aromatic C21-C35: EH_CU_1D_AR	DETSC 3072#	1.4	mg/kg	< 1.4	< 1.4
Aromatic C35-C40: EH_CU_1D_AR	DETSC 3072*	1.4	mg/kg	< 1.4	< 1.4
Aromatic C10-C44: EH_CU_1D_AR	DETSC 3072*	10	mg/kg	< 10	< 10

Summary of Chemical Analysis

Soil Samples

Our Ref 26-10694

Client Ref ~ 8392

Contract Title ~ Wood Gate Hill, Rosendale

Lab No	2681516	2681517
Sample ID ~	S1	S2
Depth ~	1.00	1.00
Other ID ~		
Sample Type ~	SOIL	SOIL
Sampling Date ~	30/04/2026	30/04/2026
Sampling Time ~	n/s	n/s

Test	Method	LOD	Units		
Aromatic C5-C40: EH_CU+HS_1D_AR	DETSC 3072*	10	mg/kg	< 10	< 10
Aromatic C5-C44: EH_CU+HS_1D_AR	DETSC 3072*	10	mg/kg	< 10	< 10
TPH Ali/Aro C5-C40: EH_CU+HS_1D_Total	DETSC 3072*	10	mg/kg	< 10	< 10
TPH Ali/Aro C5-C44: EH_CU+HS_1D_Total	DETSC 3072*	10	mg/kg	< 10	< 10
Ali/Aro C10-C44: EH_CU_1D_Total	DETSC 3072*	10	mg/kg	< 10	< 10
Benzene	DETSC 3321#	0.01	mg/kg	< 0.01	< 0.01
Ethylbenzene	DETSC 3321#	0.01	mg/kg	< 0.01	< 0.01
Toluene	DETSC 3321#	0.01	mg/kg	< 0.01	< 0.01
m+p Xylene	DETSC 3321#	0.01	mg/kg	< 0.01	< 0.01
o Xylene	DETSC 3321#	0.01	mg/kg	< 0.01	< 0.01
MTBE	DETSC 3321	0.01	mg/kg	< 0.01	< 0.01
PAHs					
Naphthalene	DETSC 3301	0.1	mg/kg	0.74	< 0.10
Acenaphthylene	DETSC 3301	0.1	mg/kg	< 0.10	< 0.10
Acenaphthene	DETSC 3301	0.1	mg/kg	1.4	0.13
Fluorene	DETSC 3301	0.1	mg/kg	1.4	< 0.10
Phenanthrene	DETSC 3301	0.1	mg/kg	10	0.82
Anthracene	DETSC 3301	0.1	mg/kg	2.1	0.23
Fluoranthene	DETSC 3301	0.1	mg/kg	11	1.3
Pyrene	DETSC 3301	0.1	mg/kg	9.7	1.6
Benzo(a)anthracene	DETSC 3301	0.1	mg/kg	4.0	1.1
Chrysene	DETSC 3301	0.1	mg/kg	3.8	0.59
Benzo(b)fluoranthene	DETSC 3301	0.1	mg/kg	2.7	0.45
Benzo(k)fluoranthene	DETSC 3301	0.1	mg/kg	1.5	0.20
Benzo(a)pyrene	DETSC 3301	0.1	mg/kg	3.9	0.62
Indeno(1,2,3-c,d)pyrene	DETSC 3301	0.1	mg/kg	2.9	0.50
Dibenzo(a,h)anthracene	DETSC 3301	0.1	mg/kg	0.24	0.13
Benzo(g,h,i)perylene	DETSC 3301	0.1	mg/kg	2.3	0.46
PAH 16 Total	DETSC 3301	1.6	mg/kg	42	6.9
Phenols					
Phenol - Monohydric	DETSC 2130#	0.3	mg/kg	0.7	< 0.3

WASTE ACCEPTANCE CRITERIA TESTING v20.25.02.03

Our Ref 26-10694

Client Ref 8392

Contract Title Wood Gate Hill, Rosendale

Sample Id S1 1.00

Sample Numbers 2681516 2681518

Date Analysed 15/05/2026

Test Results On Waste			WAC Limit Values		
Determinand and Method Reference	Units	Result	Inert Waste	SNRHW	Hazardous Waste
DETSC 2084# Total Organic Carbon	%	5.2	3	5	6
DETSC 2003# Loss On Ignition	%	9.5	n/a	n/a	10
DETSC 3321# BTEX	mg/kg	< 0.04	6	n/a	n/a
DETSC 3401# PCBs (7 congeners)	mg/kg	< 0.01	1	n/a	n/a
DETSC 3311* Mineral Oil (C10 - C40)	mg/kg	200.0	500	n/a	n/a
DETSC 3301 PAHs	mg/kg	42.0	100	n/a	n/a
DETSC 2008# pH	pH Units	8.5	n/a	>6	n/a
DETSC 2073* Acid Neutralisation Capacity (pH4)	mol/kg	< 1.0	n/a	TBE	TBE
DETSC 2073* Acid Neutralisation Capacity (pH7)	mol/kg	< 1.0	n/a	TBE	TBE

Test Results On Leachate			WAC Limit Values		
Determinand and Method Reference	Conc in Eluate ug/l	Amount Leached mg/kg	Limit values for LS10 Leachate		
	10:1	LS10	Inert Waste	SNRHW	Hazardous Waste
DETSC 2306 Arsenic as As	7.618	0.08	0.5	2	25
DETSC 2306 Barium as Ba	53.64	0.5	20	100	300
DETSC 2306 Cadmium as Cd	0.1371	< 0.02	0.04	1	5
DETSC 2306 Chromium as Cr	< 0.2500	< 0.1	0.5	10	70
DETSC 2306 Copper as Cu	5.471	0.05	2	50	100
DETSC 2306 Mercury as Hg	< 0.0100	< 0.002	0.01	0.2	2
DETSC 2306 Molybdenum as Mo	1.25	< 0.1	0.5	10	30
DETSC 2306 Nickel as Ni	2.047	< 0.1	0.4	10	40
DETSC 2306 Lead as Pb	4.526	< 0.05	0.5	10	50
DETSC 2306 Antimony as Sb	1.083	< 0.05	0.06	0.7	5
DETSC 2306 Selenium as Se	0.6093	< 0.03	0.1	0.5	7
DETSC 2306 Zinc as Zn	84.16	0.84	4	50	200
DETSC 2055 Chloride as Cl	4000	< 100	800	15,000	25,000
DETSC 2055* Fluoride as F	210	2.1	10	150	500
DETSC 2055 Sulphate as SO4	18000	180	1000	20,000	50,000
DETSC 2009* Total Dissolved Solids	71000	710	4000	60,000	100,000
DETSC 2130 Phenol Index	< 100	< 1	1	n/a	n/a
DETSC 2085 Dissolved Organic Carbon	13000	130	500	800	1000

Additional Information	
DETSC 2008 pH	8.3
DETSC 2009 Conductivity uS/cm	101.0
* Temperature*	17.0

Mass of Sample Kg	0.125
Mass of dry Sample Kg	0.090

Stage 1	
Volume of Leachant L2	0.865
Volume of Eluate VE1	0.8

TBE - To Be Evaluated
SNRHW - Stable Non-Reactive
Hazardous Waste

Disclaimer: The WAC limit values are provided for guidance only. Normec DETS does not accept responsibility for errors or omissions.
Values are correct at time of issue.

WASTE ACCEPTANCE CRITERIA TESTING v20.25.02.03

Our Ref 26-10694

Client Ref 8392

Contract Title Wood Gate Hill, Rosendale

Sample Id S2 1.00

Sample Numbers 2681517 2681519

Date Analysed 15/05/2026

Test Results On Waste			WAC Limit Values		
Determinand and Method Reference	Units	Result	Inert Waste	SNRHW	Hazardous Waste
DETSC 2084# Total Organic Carbon	%	2.6	3	5	6
DETSC 2003# Loss On Ignition	%	5.8	n/a	n/a	10
DETSC 3321# BTEX	mg/kg	< 0.04	6	n/a	n/a
DETSC 3401# PCBs (7 congeners)	mg/kg	< 0.01	1	n/a	n/a
DETSC 3311* Mineral Oil (C10 - C40)	mg/kg	65.0	500	n/a	n/a
DETSC 3301 PAHs	mg/kg	6.9	100	n/a	n/a
DETSC 2008# pH	pH Units	7.8	n/a	>6	n/a
DETSC 2073* Acid Neutralisation Capacity (pH4)	mol/kg	< 1.0	n/a	TBE	TBE
DETSC 2073* Acid Neutralisation Capacity (pH7)	mol/kg	< 1.0	n/a	TBE	TBE

Test Results On Leachate			WAC Limit Values		
Determinand and Method Reference	Conc in Eluate ug/l	Amount Leached mg/kg	Limit values for LS10 Leachate		
	10:1	LS10	Inert Waste	SNRHW	Hazardous Waste
DETSC 2306 Arsenic as As	1.235	0.01	0.5	2	25
DETSC 2306 Barium as Ba	70.63	0.7	20	100	300
DETSC 2306 Cadmium as Cd	< 0.0300	< 0.02	0.04	1	5
DETSC 2306 Chromium as Cr	< 0.2500	< 0.1	0.5	10	70
DETSC 2306 Copper as Cu	8.134	0.08	2	50	100
DETSC 2306 Mercury as Hg	< 0.0100	< 0.002	0.01	0.2	2
DETSC 2306 Molybdenum as Mo	3.28	< 0.1	0.5	10	30
DETSC 2306 Nickel as Ni	2.518	< 0.1	0.4	10	40
DETSC 2306 Lead as Pb	5.037	0.05	0.5	10	50
DETSC 2306 Antimony as Sb	1.161	< 0.05	0.06	0.7	5
DETSC 2306 Selenium as Se	0.9414	< 0.03	0.1	0.5	7
DETSC 2306 Zinc as Zn	54.06	0.54	4	50	200
DETSC 2055 Chloride as Cl	1400	< 100	800	15,000	25,000
DETSC 2055* Fluoride as F	350	3.5	10	150	500
DETSC 2055 Sulphate as SO4	11000	110	1000	20,000	50,000
DETSC 2009* Total Dissolved Solids	61000	610	4000	60,000	100,000
DETSC 2130 Phenol Index	< 100	< 1	1	n/a	n/a
DETSC 2085 Dissolved Organic Carbon	6200	62	500	800	1000

Additional Information	
DETSC 2008 pH	8.0
DETSC 2009 Conductivity uS/cm	87.1
* Temperature*	17.0

Mass of Sample Kg	0.106
Mass of dry Sample Kg	0.090

Stage 1	
Volume of Leachant L2	0.884
Volume of Eluate VE1	0.8

TBE - To Be Evaluated
SNRHW - Stable Non-Reactive
Hazardous Waste

Disclaimer: The WAC limit values are provided for guidance only. Normec DETS does not accept responsibility for errors or omissions. Values are correct at time of issue.

Summary of Asbestos Analysis

Soil Samples

Our Ref 26-10694

Client Ref ~ 8392

Contract Title ~ Wood Gate Hill, Rosendale

Lab No	Sample ID	Material Type	Result	Comment*	Analyst
2681516	S1 1.00	SOIL	NAD	none	Michael Kay
2681517	S2 1.00	SOIL	NAD	none	Michael Kay

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: * -not included in laboratory scope of accreditation.

Information in Support of the Analytical Results

Our Ref 26-10694
 Client Ref ~ 8392
 Contract ~ Wood Gate Hill, Rosendale

Containers Received & Deviating Samples

Lab No	Sample ID ~	Date		Containers Received	Holding time exceeded for tests	Incorrect container for tests
		Sampled ~				
2681516	S1 1.00 SOIL	30/04/26		GJ 250ml x2, GJ 60ml x2, PT 1L x3		
2681517	S2 1.00 SOIL	30/04/26		GJ 250ml x2, GJ 60ml x2, PT 1L x3		
2681518	S1 1.00 LEACHATE	30/04/26		GJ 250ml x2, GJ 60ml x2, PT 1L x3		
2681519	S2 1.00 LEACHATE	30/04/26		GJ 250ml x2, GJ 60ml x2, PT 1L x3		

Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 250µm sieve
 Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.
 The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-
 Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

Information in Support of the Analytical Results

List of HWOL Acronyms and Operators

Acronym	Description
HS	Headspace analysis
EH	Extractable Hydrocarbons - i.e. everything extracted by the solvent
CU	Clean-up - e.g. by florisil, silica gel
1D	GC - Single coil gas chromatography
2D	GC-GC - Double coil gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics only
AR	Aromatics only
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
_	Operator - underscore to separate acronyms (exception for +)
+	Operator to indicate cumulative eg. EH+HS_Total or EH_CU+HS_Total

Det

Aliphatic C5-C6

Acronym

HS_1D_AL

HAZWASTE ONLINE™ SHEETS

Waste Classification Report

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

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

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



R2JPP-VPQYP-HQ2KO

Report is invalid if pages are removed.

Job name

8392

Description/Comments

26-10694

Project

Site at Castle Hill Road

Site

Woodgate Hill, Rossendale

Classified by

Name: **David Ravenscroft-Jones** Company: **Sub Surface Consultants**
Date: **18 May 2026 11:01 GMT**
Telephone: **01772 561135**

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification:

Course: **Hazardous Waste Classification**

Date

Purpose of classification

2 - Material Characterisation

Address of the waste

Castle Hill Road, Woodgate Hill, Rossendale

Post Code **BL9 6TP**

SIC for the process giving rise to the waste

42990 Construction of other civil engineering projects n.e.c.

Description of industry/producer giving rise to the waste

Made ground derived from infilling of an old quarry.

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

Waste created during excavation of soils for construction.

Description of the waste

Made ground comprising soft dark grey slightly gravelly slightly sandy silty clay with occasional roots. Gravel comprises fine to medium mudstone and quartz.

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	S1/1.00/2026-04-30	1.00	Non Hazardous		3
2	S2/1.00/2026-04-30	1.00	Non Hazardous		5

Related documents

#	Name	Description
1	26-10694.hwol	DETS North .hwol file used to populate the Job

Report

Created by: David Ravenscroft-Jones

Created date: 18 May 2026 11:01 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	7
Appendix B: Rationale for selection of metal species	8
Appendix C: Version	9

Classification of sample: S1/1.00/2026-04-30

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

Sample details

Sample name:	LoW Code:	
S1/1.00/2026-04-30	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		
Moisture content:		
28%		
(wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 28% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	boron { boron tribromide }				1.5	mg/kg	23.173	25.027	mg/kg	0.0025 %	✓	
	005-003-00-0	233-657-9	10294-33-4									
2	pH		PH		8.5	pH		8.5	pH	8.5 pH		
3	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.3	mg/kg	1.884	0.407	mg/kg	0.0000407 %	✓	
	006-007-00-5											
4	monohydric phenols		P1186		0.7	mg/kg		0.504	mg/kg	0.0000504 %	✓	
5	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
	024-017-00-8											
6	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
7	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
8	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									
9	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
10	TPH (C6 to C40) petroleum group		TPH		<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
11	mercury { mercury(II) sulfide }				0.17	mg/kg	1.16	0.142	mg/kg	0.0000142 %	✓	
	215-696-3		1344-48-5									
12	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				19	mg/kg	1.895	25.917	mg/kg	0.00259 %	✓	
	033-005-00-1											
13	cadmium { cadmium sulfate }				0.5	mg/kg	1.855	0.668	mg/kg	0.0000668 %	✓	
	048-009-00-9	233-331-6	10124-36-4									
14	copper { copper sulphate }				38	mg/kg	2.512	68.72	mg/kg	0.00687 %	✓	
	029-004-00-0	231-847-6	7758-98-7									
15	molybdenum { molybdenum(VI) oxide }				2.8	mg/kg	1.5	3.024	mg/kg	0.000302 %	✓	
	042-001-00-9	215-204-7	1313-27-5									
16	nickel { nickel dichromate }				18	mg/kg	4.68	60.652	mg/kg	0.00607 %	✓	
	028-047-00-2	239-646-5	15586-38-6									

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
17	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	73	mg/kg		52.56	mg/kg	0.00526 %	✓	
	082-001-00-6											
18	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.405	<0.703	mg/kg	<0.0000703 %		<LOD
	034-002-00-8											
19	zinc { zinc chromate }				97	mg/kg	2.774	193.746	mg/kg	0.0194 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
20	polychlorobiphenyls; PCB				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
21	acenaphthene				1.4	mg/kg		1.008	mg/kg	0.000101 %	✓	
		201-469-6	83-32-9									
22	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
23	anthracene				2.1	mg/kg		1.512	mg/kg	0.000151 %	✓	
		204-371-1	120-12-7									
24	benzo[a]pyrene; benzo[def]chrysene				3.9	mg/kg		2.808	mg/kg	0.000281 %	✓	
	601-032-00-3	200-028-5	50-32-8									
25	benzo[a]anthracene				4	mg/kg		2.88	mg/kg	0.000288 %	✓	
	601-033-00-9	200-280-6	56-55-3									
26	benzo[b]fluoranthene				2.7	mg/kg		1.944	mg/kg	0.000194 %	✓	
	601-034-00-4	205-911-9	205-99-2									
27	benzo[k]fluoranthene				1.5	mg/kg		1.08	mg/kg	0.000108 %	✓	
	601-036-00-5	205-916-6	207-08-9									
28	benzo[ghi]perylene				2.3	mg/kg		1.656	mg/kg	0.000166 %	✓	
		205-883-8	191-24-2									
29	chrysene				3.8	mg/kg		2.736	mg/kg	0.000274 %	✓	
	601-048-00-0	205-923-4	218-01-9									
30	dibenz[a,h]anthracene				0.24	mg/kg		0.173	mg/kg	0.0000173 %	✓	
	601-041-00-2	200-181-8	53-70-3									
31	fluoranthene				11	mg/kg		7.92	mg/kg	0.000792 %	✓	
		205-912-4	206-44-0									
32	fluorene				1.4	mg/kg		1.008	mg/kg	0.000101 %	✓	
		201-695-5	86-73-7									
33	indeno[123-cd]pyrene				2.9	mg/kg		2.088	mg/kg	0.000209 %	✓	
		205-893-2	193-39-5									
34	naphthalene				0.74	mg/kg		0.533	mg/kg	0.0000533 %	✓	
	601-052-00-2	202-049-5	91-20-3									
35	phenanthrene				10	mg/kg		7.2	mg/kg	0.00072 %	✓	
		201-581-5	85-01-8									
36	pyrene				9.7	mg/kg		6.984	mg/kg	0.000698 %	✓	
		204-927-3	129-00-0									
37	xylene				<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]									
38	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				69	mg/kg	1.462	72.61	mg/kg	0.00726 %	✓	
		215-160-9	1308-38-9									
Total:										0.0546 %		

Key

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

Classification of sample: S2/1.00/2026-04-30

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

Sample details

Sample name:	LoW Code:	
S2/1.00/2026-04-30	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		
Moisture content:		
15%		
(wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 15% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	boron { boron tribromide }				0.5	mg/kg	23.173	9.849	mg/kg	0.000985 %	✓	
	005-003-00-0	233-657-9	10294-33-4									
2	pH				7.8	pH		7.8	pH	7.8 pH		
			PH									
3	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.1	mg/kg	1.884	0.16	mg/kg	0.000016 %	✓	
	006-007-00-5											
4	monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
			P1186									
5	chromium in Cr(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
	024-017-00-8											
6	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
7	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
8	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									
9	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
10	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
11	mercury { mercury(II) sulfide }				<0.05	mg/kg	1.16	<0.058	mg/kg	<0.0000058 %		<LOD
	215-696-3		1344-48-5									
12	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				7.3	mg/kg	1.895	11.756	mg/kg	0.00118 %	✓	
	033-005-00-1											
13	cadmium { cadmium sulfate }				0.2	mg/kg	1.855	0.315	mg/kg	0.0000315 %	✓	
	048-009-00-9	233-331-6	10124-36-4									
14	copper { copper sulphate }				33	mg/kg	2.512	70.453	mg/kg	0.00705 %	✓	
	029-004-00-0	231-847-6	7758-98-7									
15	molybdenum { molybdenum(VI) oxide }				1.2	mg/kg	1.5	1.53	mg/kg	0.000153 %	✓	
	042-001-00-9	215-204-7	1313-27-5									
16	nickel { nickel dichromate }				32	mg/kg	4.68	127.294	mg/kg	0.0127 %	✓	
	028-047-00-2	239-646-5	15586-38-6									

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
17	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	32	mg/kg		27.2	mg/kg	0.00272 %	✓	
	082-001-00-6											
18	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.405	<0.703	mg/kg	<0.0000703 %		<LOD
	034-002-00-8											
19	zinc { zinc chromate }				76	mg/kg	2.774	179.21	mg/kg	0.0179 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
20	polychlorobiphenyls; PCB				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
21	acenaphthene				0.13	mg/kg		0.111	mg/kg	0.0000111 %	✓	
		201-469-6	83-32-9									
22	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
23	anthracene				0.23	mg/kg		0.196	mg/kg	0.0000196 %	✓	
		204-371-1	120-12-7									
24	benzo[a]pyrene; benzo[def]chrysene				0.62	mg/kg		0.527	mg/kg	0.0000527 %	✓	
	601-032-00-3	200-028-5	50-32-8									
25	benzo[a]anthracene				1.1	mg/kg		0.935	mg/kg	0.0000935 %	✓	
	601-033-00-9	200-280-6	56-55-3									
26	benzo[b]fluoranthene				0.45	mg/kg		0.383	mg/kg	0.0000383 %	✓	
	601-034-00-4	205-911-9	205-99-2									
27	benzo[k]fluoranthene				0.2	mg/kg		0.17	mg/kg	0.000017 %	✓	
	601-036-00-5	205-916-6	207-08-9									
28	benzo[ghi]perylene				0.46	mg/kg		0.391	mg/kg	0.0000391 %	✓	
		205-883-8	191-24-2									
29	chrysene				0.59	mg/kg		0.501	mg/kg	0.0000501 %	✓	
	601-048-00-0	205-923-4	218-01-9									
30	dibenz[a,h]anthracene				0.13	mg/kg		0.111	mg/kg	0.0000111 %	✓	
	601-041-00-2	200-181-8	53-70-3									
31	fluoranthene				1.3	mg/kg		1.105	mg/kg	0.000111 %	✓	
		205-912-4	206-44-0									
32	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
33	indeno[123-cd]pyrene				0.5	mg/kg		0.425	mg/kg	0.0000425 %	✓	
		205-893-2	193-39-5									
34	naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
35	phenanthrene				0.82	mg/kg		0.697	mg/kg	0.0000697 %	✓	
		201-581-5	85-01-8									
36	pyrene				1.6	mg/kg		1.36	mg/kg	0.000136 %	✓	
		204-927-3	129-00-0									
37	xylene				<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]									
38	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				28	mg/kg	1.462	34.785	mg/kg	0.00348 %	✓	
		215-160-9	1308-38-9									
Total:										0.0469 %		

Key

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

Appendix A: Classifier defined and non GB MCL determinands

• pH (CAS Number: PH)

Description/Comments: Appendix C4

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

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

GB MCL index number: 006-007-00-5

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

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

Reason for additional Hazards Statement(s):

20 Nov 2021 - EUH032 >= 0.2 % hazard statement sourced from:: WM3, Table C12.2

• 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: Muta. 2; H341 , Acute Tox. 3; H331 , Acute Tox. 3; H311 , Acute Tox. 3; H301 , STOT RE 2; H373 , Skin Corr. 1B; H314 , Skin Corr. 1B; H314 >= 3 % , Skin Irrit. 2; H315 1 <= conc. < 3 % , Eye Irrit. 2; H319 1 <= conc. < 3 % , Aquatic Chronic 2; H411

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

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

Description/Comments:

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

Reason for additional Hazards Statement(s):

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

• TPH (C6 to C40) petroleum group (CAS Number: TPH)

Description/Comments: Unknown Oil

Hazard statements taken from WM3 1st Edition 2015

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

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

• mercury(II) sulfide (EC Number: 215-696-3, CAS Number: 1344-48-5)

Description/Comments: Data from ECHA's C&L and SDS Sigma Aldrich V6 dated 17/9/2019

Threshold for EUH031 based on calculation method in WM3 Box C12.1

Data source: <https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/8530>

Data source date: 14 May 2020

Hazard Statements: EUH031 >= 1 % , EUH031 , Skin Sens. 1; H317 , STOT RE 2; H373

• lead compounds with the exception of those specified elsewhere in this Annex (worst case)

GB MCL index number: 082-001-00-6

Description/Comments: Worst Case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following MCL protocols, considers lead compounds from smelting industries, flue dust and similar to be Carcinogenic category 1A

Additional Hazard Statement(s): Carc. 1A; H350

Reason for additional Hazards Statement(s):

20 Nov 2021 - 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**• polychlorobiphenyls; PCB (EC Number: 215-648-1, CAS Number: 1336-36-3)**

GB MCL index number: 602-039-00-4

Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans;

POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.

Additional Hazard Statement(s): Carc. 1A; H350

Reason for additional Hazards Statement(s):

20 Nov 2021 - Carc. 1A; H350 hazard statement sourced from:: IARC Group 1 (23, Sup 7, 100C) 2012

■ **acenaphthene** (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

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

■ **acenaphthylene** (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

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

■ **anthracene** (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 17 Jul 2015

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

■ **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

■ **fluoranthene** (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 21 Aug 2015

Hazard Statements: Acute Tox. 4; H302, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

■ **fluorene** (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 06 Aug 2015

Hazard Statements: Aquatic Acute 1; H400, Aquatic Chronic 1; H410

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

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 06 Aug 2015

Hazard Statements: Carc. 2; H351

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

Description/Comments: Data from C&L Inventory Database

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 06 Aug 2015

Hazard Statements: Acute Tox. 4; H302, Eye Irrit. 2; H319, STOT SE 3; H335, Carc. 2; H351, Skin Sens. 1; H317, Aquatic Acute 1; H400, Aquatic Chronic 1; H410, Skin Irrit. 2; H315

■ **pyrene** (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014

Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 21 Aug 2015

Hazard Statements: Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

■ **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

Appendix B: Rationale for selection of metal species

boron {boron tribromide}

Worst case species likely to be present.

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

Worst case species likely to be present.

chromium in Cr(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species likely to be present.

mercury {mercury(II) sulfide}

Worst case species likely to be present.

arsenic {arsenic acid and its salts with the exception of those specified elsewhere in this Annex}

Worst case species likely to be present.

cadmium {cadmium sulfate}

Worst case species likely to be present.

copper {copper sulphate}

Worst case species likely to be present.

molybdenum {molybdenum(VI) oxide}

Worst case species likely to be present.

nickel {nickel dichromate}

Worst case species likely to be present.

lead {lead compounds with the exception of those specified elsewhere in this Annex (worst case)}

Worst case species likely to be present.

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

Worst case species likely to be present.

zinc {zinc chromate}

Worst case species likely to be present.

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

Worst case species likely to be present.

Appendix C: Version

HazWasteOnline Classification Engine: **WM3 1st Edition v1.2.GB - Oct 2021**

HazWasteOnline Classification Engine Version: 2025.322.300.300 (13 May 2026)

HazWasteOnline Database: 2026.83.7020.12656 (25 Mar 2026)

This classification utilises the following guidance and legislation:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

GB MCL List - version 1.1 of 09 June 2021

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

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

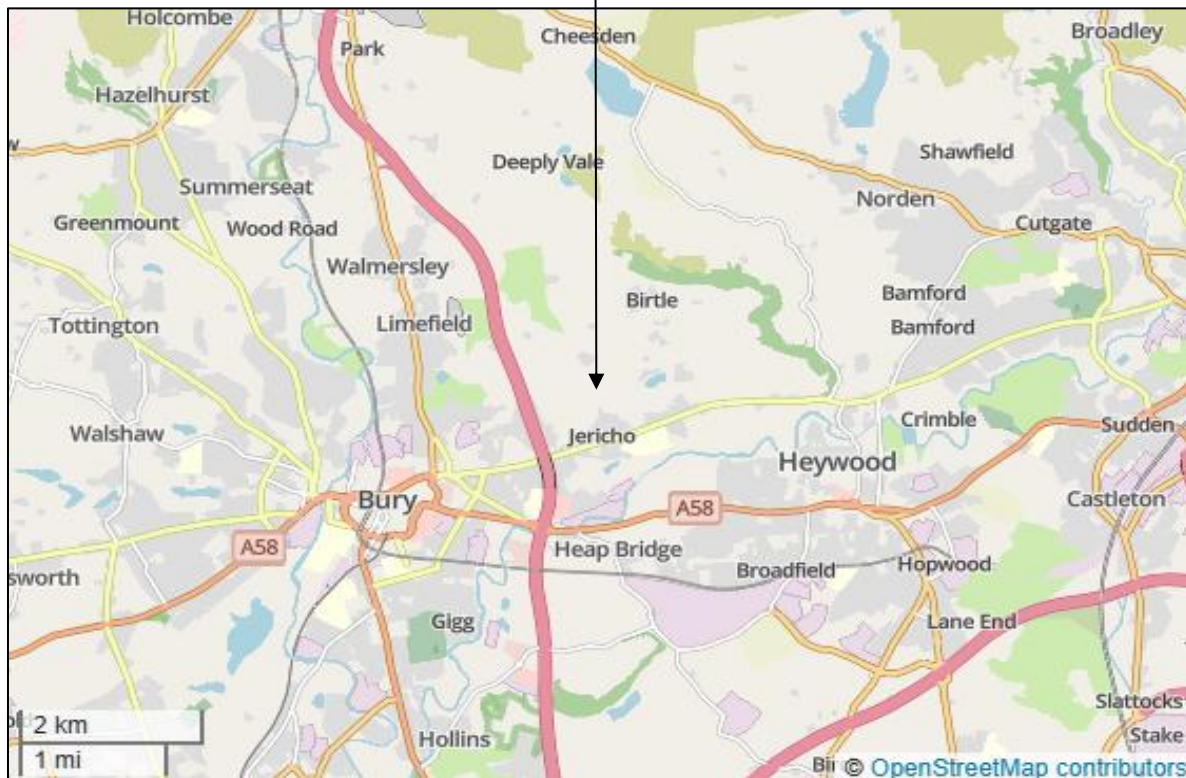
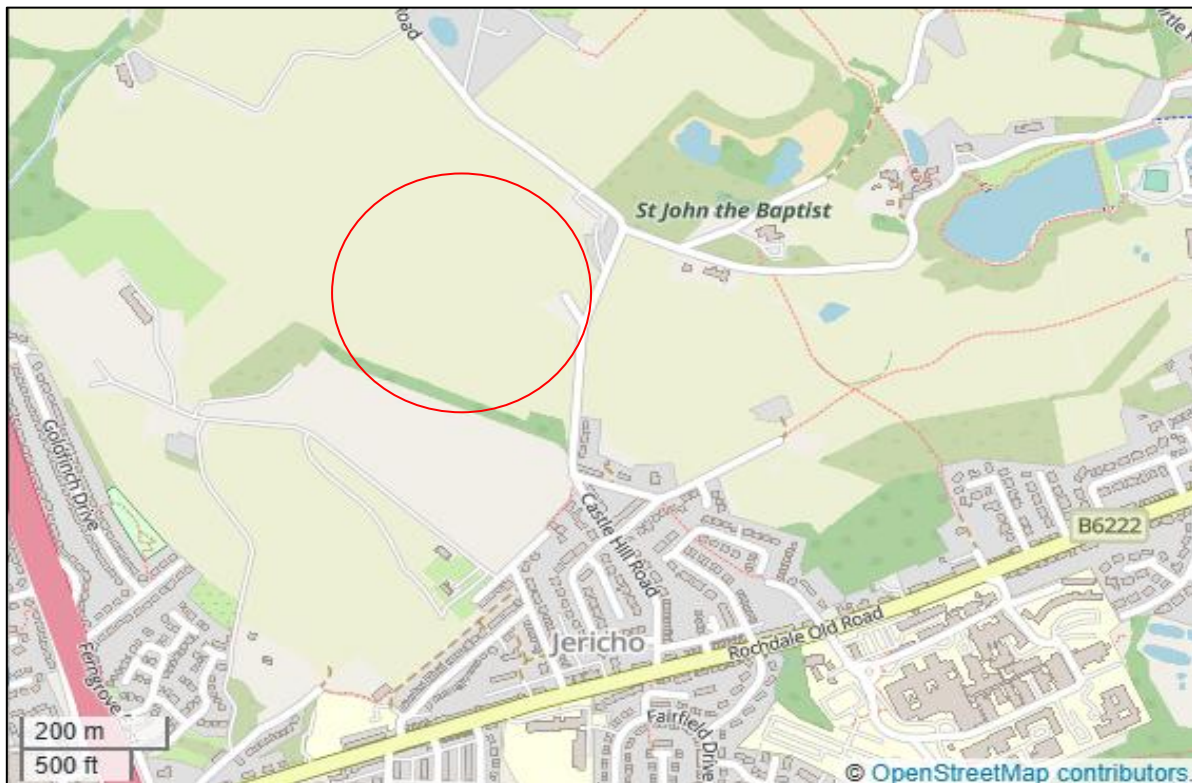
GB MCL List v4.0 - version 4.0 of 2nd March 2024

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

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

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

FIGURES



Site: CASTLE HILL ROAD, WOODGATE HILL, BURY, GREATER MANCHESTER, BL9 6TP						SITE LOCATION PLAN
Client: STRABAG UK LIMITED						
Job Number:	Orientation:	Scale:	Date Drawn:	Drawn By:	Figure Number:	 GROUND INVESTIGATION SPECIALISTS
8392		As Shown	18/05/26	DRJ	1	