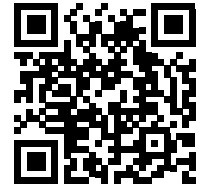


Waste Classification Report

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)



B0DJL-PLNP-IGDFK

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

Report is invalid if pages are removed.

Job name

Torsion Projects - Marchant Road

Description/Comments

Project

Marchant Road, Hinckley, LE10 0LQ

Site

LE10 0LQ

Classified by

Name: **Paul Bradley**
Date: **21 Apr 2026 08:42 GMT**
Telephone: **01302 578416**
Company: **Recycling First Ltd**
6 Heather Court, Shaw Wood Way, Wheatley Hills
Doncaster DN2 5YL

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

4 - Classification of Waste Products

Address of the waste

Marchant Road, Hinckley

Post Code LE10 0LQ

SIC for the process giving rise to the waste

Description of industry/producer giving rise to the waste

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

Description of the waste

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	Front Face		Non Hazardous		3
2	Left Face		Non Hazardous		5
3	Right Face		Non Hazardous		7
4	Back Face		Non Hazardous		9
5	Base		Non Hazardous		11

Related documents

#	Name	Description
1	QED / XRF - Current Version	waste stream template used to create this Job

Report

Created by: Paul Bradley

Created date: 21 Apr 2026 08:42 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	13
Appendix B: Rationale for selection of metal species	13
Appendix C: Version	13

Classification of sample: Front Face

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

Sample details

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

Hazard properties

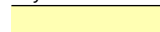
None identified

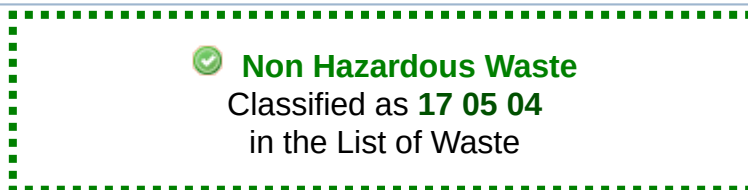
Determinands

Moisture content: None

#	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	 lead { lead chromate }			1	55	mg/kg	1.56	85.79	mg/kg	0.0055 %		
	082-004-00-2	231-846-0	7758-97-6									
2	 arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				17	mg/kg	1.895	32.207	mg/kg	0.00322 %		
	033-005-00-1											
3	 mercury { mercury difulminate }				<10	mg/kg	1.419	<14.189	mg/kg	<0.00142 %		<LOD
	080-005-00-2	211-057-8	628-86-4									
4	 cadmium { cadmium sulfate }				<21	mg/kg	1.855	<38.946	mg/kg	<0.00389 %		<LOD
	048-009-00-9	233-331-6	10124-36-4									
5	 copper { copper sulphate pentahydrate }				34	mg/kg	3.929	133.588	mg/kg	0.0134 %		
	029-023-00-4	231-847-6	7758-99-8									
6	 nickel { nickel diiodide }				26	mg/kg	5.324	138.432	mg/kg	0.0138 %		
	028-029-00-4	236-666-6	13462-90-3									
7	 zinc { zinc oxide }				265	mg/kg	1.245	329.849	mg/kg	0.033 %		
	030-013-00-7	215-222-5	1314-13-2									
8	 chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				40	mg/kg	1.462	58.462	mg/kg	0.00585 %		
		215-160-9	1308-38-9									
9	 selenium { nickel selenate }				<2	mg/kg	2.554	<5.108	mg/kg	<0.000511 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
10	 antimony { antimony trioxide }				<37	mg/kg	1.197	<44.293	mg/kg	<0.00443 %		<LOD
	051-005-00-X	215-175-0	1309-64-4									
11	 TPH (C6 to C40) petroleum group				<20.9	mg/kg		<20.9	mg/kg	<0.00209 %		<LOD
			TPH									
12	 pH				7	pH		7	pH	7pH		
			PH									
13	benzo[a]pyrene; benzo[def]chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
Total:										0.0748 %		

Key

	User 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: Left Face

Sample details

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

Hazard properties

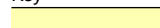
None identified

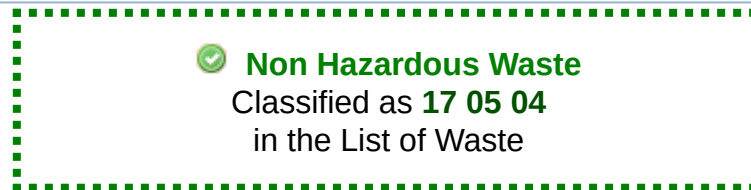
Determinands

Moisture content: None

#	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	lead { lead chromate }			1	48	mg/kg	1.56	74.871	mg/kg	0.0048 %		
	082-004-00-2	231-846-0	7758-97-6									
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				20	mg/kg	1.895	37.89	mg/kg	0.00379 %		
	033-005-00-1											
3	mercury { mercury difulminate }				<10	mg/kg	1.419	<14.189	mg/kg	<0.00142 %		<LOD
	080-005-00-2	211-057-8	628-86-4									
4	cadmium { cadmium sulfate }				<21	mg/kg	1.855	<38.946	mg/kg	<0.00389 %		<LOD
	048-009-00-9	233-331-6	10124-36-4									
5	copper { copper sulphate pentahydrate }				32	mg/kg	3.929	125.73	mg/kg	0.0126 %		
	029-023-00-4	231-847-6	7758-99-8									
6	nickel { nickel diiodide }				32	mg/kg	5.324	170.378	mg/kg	0.017 %		
	028-029-00-4	236-666-6	13462-90-3									
7	zinc { zinc oxide }				101	mg/kg	1.245	125.716	mg/kg	0.0126 %		
	030-013-00-7	215-222-5	1314-13-2									
8	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				52	mg/kg	1.462	76.001	mg/kg	0.0076 %		
		215-160-9	1308-38-9									
9	selenium { nickel selenate }				<2	mg/kg	2.554	<5.108	mg/kg	<0.000511 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
10	antimony { antimony trioxide }				<37	mg/kg	1.197	<44.293	mg/kg	<0.00443 %		<LOD
	051-005-00-X	215-175-0	1309-64-4									
11	TPH (C6 to C40) petroleum group				<15.5	mg/kg		<15.5	mg/kg	<0.00155 %		<LOD
			TPH									
12	pH				8	pH		8	pH	8pH		
			PH									
13	benzo[a]pyrene; benzo[def]chrysene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
	601-032-00-3	200-028-5	50-32-8									
Total:										0.0584 %		

Key

	User 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: Right Face

Sample details

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

Hazard properties

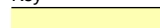
None identified

Determinands

Moisture content: None

#	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	lead { lead chromate }			1	57	mg/kg	1.56	88.909	mg/kg	0.0057 %		
	082-004-00-2	231-846-0	7758-97-6									
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				19	mg/kg	1.895	35.996	mg/kg	0.0036 %		
	033-005-00-1											
3	mercury { mercury difulminate }				<10	mg/kg	1.419	<14.189	mg/kg	<0.00142 %		<LOD
	080-005-00-2	211-057-8	628-86-4									
4	cadmium { cadmium sulfate }				<21	mg/kg	1.855	<38.946	mg/kg	<0.00389 %		<LOD
	048-009-00-9	233-331-6	10124-36-4									
5	copper { copper sulphate pentahydrate }				42	mg/kg	3.929	165.02	mg/kg	0.0165 %		
	029-023-00-4	231-847-6	7758-99-8									
6	nickel { nickel diiodide }				43	mg/kg	5.324	228.945	mg/kg	0.0229 %		
	028-029-00-4	236-666-6	13462-90-3									
7	zinc { zinc oxide }				126	mg/kg	1.245	156.834	mg/kg	0.0157 %		
	030-013-00-7	215-222-5	1314-13-2									
8	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				42	mg/kg	1.462	61.385	mg/kg	0.00614 %		
		215-160-9	1308-38-9									
9	selenium { nickel selenate }				<2	mg/kg	2.554	<5.108	mg/kg	<0.000511 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
10	antimony { antimony trioxide }				<36	mg/kg	1.197	<43.096	mg/kg	<0.00431 %		<LOD
	051-005-00-X	215-175-0	1309-64-4									
11	TPH (C6 to C40) petroleum group				<27	mg/kg		<27	mg/kg	<0.0027 %		<LOD
			TPH									
12	pH				7	pH		7	pH	7pH		
			PH									
13	benzo[a]pyrene; benzo[def]chrysene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
	601-032-00-3	200-028-5	50-32-8									
Total:										0.0705 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated 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: Back Face

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

Sample details

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

Hazard properties

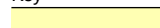
None identified

Determinands

Moisture content: None

#	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	 lead { lead chromate }			1	80	mg/kg	1.56	124.785	mg/kg	0.008 %		
	082-004-00-2	231-846-0	7758-97-6									
2	 arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				23	mg/kg	1.895	43.574	mg/kg	0.00436 %		
	033-005-00-1											
3	 mercury { mercury difulminate }				<10	mg/kg	1.419	<14.189	mg/kg	<0.00142 %		<LOD
	080-005-00-2	211-057-8	628-86-4									
4	 cadmium { cadmium sulfate }				<21	mg/kg	1.855	<38.946	mg/kg	<0.00389 %		<LOD
	048-009-00-9	233-331-6	10124-36-4									
5	 copper { copper sulphate pentahydrate }				43	mg/kg	3.929	168.949	mg/kg	0.0169 %		
	029-023-00-4	231-847-6	7758-99-8									
6	 nickel { nickel diiodide }				40	mg/kg	5.324	212.972	mg/kg	0.0213 %		
	028-029-00-4	236-666-6	13462-90-3									
7	 zinc { zinc oxide }				147	mg/kg	1.245	182.973	mg/kg	0.0183 %		
	030-013-00-7	215-222-5	1314-13-2									
8	 chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				<45	mg/kg	1.462	<65.77	mg/kg	<0.00658 %		<LOD
		215-160-9	1308-38-9									
9	 selenium { nickel selenate }				<2	mg/kg	2.554	<5.108	mg/kg	<0.000511 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
10	 antimony { antimony trioxide }				<36	mg/kg	1.197	<43.096	mg/kg	<0.00431 %		<LOD
	051-005-00-X	215-175-0	1309-64-4									
11	 TPH (C6 to C40) petroleum group				<27.8	mg/kg		<27.8	mg/kg	<0.00278 %		<LOD
			TPH									
12	 pH				7	pH		7	pH	7pH		
			PH									
13	benzo[a]pyrene; benzo[def]chrysene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
	601-032-00-3	200-028-5	50-32-8									
Total:										0.0689 %		

Key

	User 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: Base

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

Sample details

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

Hazard properties

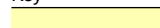
None identified

Determinands

Moisture content: None

#	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	lead { lead chromate }			1	18	mg/kg	1.56	28.077	mg/kg	0.0018 %		
	082-004-00-2	231-846-0	7758-97-6									
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				12	mg/kg	1.895	22.734	mg/kg	0.00227 %		
	033-005-00-1											
3	mercury { mercury difulminate }				<10	mg/kg	1.419	<14.189	mg/kg	<0.00142 %		<LOD
	080-005-00-2	211-057-8	628-86-4									
4	cadmium { cadmium sulfate }				<21	mg/kg	1.855	<38.946	mg/kg	<0.00389 %		<LOD
	048-009-00-9	233-331-6	10124-36-4									
5	copper { copper sulphate pentahydrate }				24	mg/kg	3.929	94.297	mg/kg	0.00943 %		
	029-023-00-4	231-847-6	7758-99-8									
6	nickel { nickel diiodide }				30	mg/kg	5.324	159.729	mg/kg	0.016 %		
	028-029-00-4	236-666-6	13462-90-3									
7	zinc { zinc oxide }				93	mg/kg	1.245	115.758	mg/kg	0.0116 %		
	030-013-00-7	215-222-5	1314-13-2									
8	chromium in Cr(III) compounds { chromium(III) oxide (worst case) }				46	mg/kg	1.462	67.232	mg/kg	0.00672 %		
		215-160-9	1308-38-9									
9	selenium { nickel selenate }				<2	mg/kg	2.554	<5.108	mg/kg	<0.000511 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
10	antimony { antimony trioxide }				<35	mg/kg	1.197	<41.899	mg/kg	<0.00419 %		<LOD
	051-005-00-X	215-175-0	1309-64-4									
11	TPH (C6 to C40) petroleum group				<5.3	mg/kg		<5.3	mg/kg	<0.00053 %		<LOD
			TPH									
12	pH				8	pH		8	pH	8pH		
			PH									
13	benzo[a]pyrene; benzo[def]chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
Total:										0.0478 %		

Key

	User 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

■ **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

■ **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

■ **pH** (CAS Number: PH)

Description/Comments: Appendix C4

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

Appendix B: Rationale for selection of metal species

lead {lead chromate}

Worst case species

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

Worst case species

mercury {mercury difulminate}

Worst case species

cadmium {cadmium sulfate}

Worst case species

copper {copper sulphate pentahydrate}

Worst case species

nickel {nickel diiodide}

Worst case species

zinc {zinc oxide}

Best Match and Most Commonly found within Sample Type

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

Worst case species

selenium {nickel selenate}

Worst case species

antimony {antimony trioxide}

Worst case species

Appendix C: Version

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

HazWasteOnline Classification Engine Version: 2026.83.7020.12656 (25 Mar 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