| IAN FARMER ASSOCIATES | Site: Preston Western Distributor Road, Preston | Borehole Number: BH224 |
|---|---|---|

| Boring Method | Casing Diameter | Ground Level (mOD) | Client | Job Number |
|---|---|---|---|---|
| Cable Percussion | 150mm cased to 20.00m | 21.22 | Lancashire County Council | 41455 |
| | **Location** | **Dates** | **Engineer** | **Sheet** |
| | 348995.8 E 431555.4 N | 14/07/2014-15/07/2014 | Lancashire County Council | 2/3 |

| Depth (m) | Sample / Tests | Casing Depth (m) | Water Depth (m) | Field Records | Level (mOD) | Depth (m) (Thickness) | Description | Legend | Water | Instr |
|---|---|---|---|---|---|---|---|---|---|---|
| 8.00-8.45 | U27 0.45 | 8.00 | DRY | 51 blows | | | | | | |
| 8.50 | D28 | | | | | | | | | |
| 8.80 | D29 | | | | 12.42 | 8.80 | Firm, brown, slightly sandy, slightly gravelly CLAY of low plasticity. Gravel is angular to subrounded, fine and medium including sandstone and mudstone. | | | |
| 9.00-9.45 | U30 0.45 | 9.00 | DRY | 57 blows | | | | | | |
| 9.50 | D31 | | | | | | | | | |
| 9.80 | D32 | | | | | | | | | |
| 10.00-10.45 | U33 0.45 | 10.00 | DRY | 61 blows | | | | | | |
| 10.50 | D34 | | | | | (3.50) | | | ▼2 | |
| 10.80 | D35 | | | | | | | | | |
| 11.00-11.45 | U36 0.45 | 11.00 | DRY | 58 blows | | | | | | |
| 11.50 | D37 | | | | | | | | | |
| 12.00 | D38 | | | | | | | | | |
| | | | | Water strike(2) at 12.30m, rose to 10.70m in 20 mins, sealed at 15.40m. | 8.92 | 12.30 | Dense, brown, slightly silty, fine and medium SAND. | | ▽2 | |
| 12.50-12.95<br>12.50-12.95<br>12.50-12.95 | B39<br>D40<br>SPT N=49 | 12.50 | 12.30 | 3,5/6,14,14,15 | | | | | | |
| 13.80 | D41 | | | | | (3.10) | | | | |
| 14.00-14.45<br>14.00-14.50<br>14.00-14.50 | SPT N=52<br>B42<br>D43 | 14.00 | 12.70 | 6,8/9,13,15,15 | | | Below 14.00m: very dense. | | ▼3 | |
| 15.40<br>15.50-15.95 | D44<br>U45 0.45 | 15.50 | DRY | 98 blows | 5.82 | 15.40 | Stiff, in places very stiff, brown, slightly sandy, silty CLAY of low plasticity. | | | |

**Remarks**
Water added from 12.50m.

| Scale (approx) | Logged By |
|---|---|
| 1:40 | JC |

**Figure No.** 41455.BH224

Produced by the GEOtechnical DAtabase SYstem (GEODASY) (C) all rights reserved

| IAN FARMER ASSOCIATES | Site: Preston Western Distributor Road, Preston | Borehole Number: BH224 |
|---|---|---|

| Boring Method | Casing Diameter | Ground Level (mOD) | Client | Job Number |
|---|---|---|---|---|
| Cable Percussion | 150mm cased to 20.00m | 21.22 | Lancashire County Council | 41455 |
| | **Location** | **Dates** | **Engineer** | **Sheet** |
| | 348995.8 E 431555.4 N | 14/07/2014-15/07/2014 | Lancashire County Council | 3/3 |

| Depth (m) | Sample / Tests | Casing Depth (m) | Water Depth (m) | Field Records | Level (mOD) | Depth (m) (Thickness) | Description | Legend | Water | Instr |
|---|---|---|---|---|---|---|---|---|---|---|
| 16.00 | D46 | | | | | (1.50) | | | | |
| 16.90 | D47 | | | Water strike(3) at 16.90m, rose to 15.10m in 20 mins. | 4.32 | 16.90 | Dense, brown, slightly silty, gravelly, fine and medium SAND with low cobble content. Gravel is angular to subrounded, fine to coarse including mudstone. | | ▽3 | |
| 17.00-17.45 | B48 | | | | | | | | | |
| 17.00-17.45 | D49 | | | | | | | | | |
| 17.00-17.45 | SPT N=32 | 17.00 | 16.20 | 4,3/7,8,8,9 | | | | | | |
| 18.00 | D50 | | | | | | | | | |
| 18.50-18.95 | SPT N=38 | 18.50 | 16.70 | 5,9/8,11,9,10 | | | At 18.50m: locally very gravelly. | | | |
| 18.50-18.95 | B51 | | | | | (3.55) | | | | |
| 18.50-18.95 | D52 | | | | | | | | | |
| 19.50 | D53 | | | | | | | | | |
| 20.00-20.45 | SPT N=49 | 20.00 | 16.80 | 6,11/10,13,12,14 | | | | | | |
| 20.00-20.45 | B54 | | | | | | | | | |
| 20.00-20.45 | D55 | | | | | | | | | |
| | | | | | 0.77 | 20.45 | Complete at 20.45m | | | |

**Remarks**
Water added from 17.00m.

| Scale (approx) | Logged By |
|---|---|
| 1:40 | JC |

**Figure No.** 41455.BH224

Produced by the GEOtechnical DAtabase SYstem (GEODASY) (C) all rights reserved

| IAN FARMER ASSOCIATES | Site: Preston Western Distributor Road, Preston | Number: WS227 |
|---|---|---|

| Excavation Method | Dimensions | Ground Level (mOD) | Client | Job Number |
|---|---|---|---|---|
| Drive-in Window Sampler | | 21.51 | Lancashire County Council | 41455 |
| | **Location** | **Dates** | **Engineer** | **Sheet** |
| | 349024.5 E 431611.4 N | 10/09/2014 | Lancashire County Council | 1/1 |

| Depth (m) | Sample / Tests | Water Depth (m) | Field Records | Level (mOD) | Depth (m) (Thickness) | Description | Legend | Water |
|---|---|---|---|---|---|---|---|---|
| 0.00-1.20 | D1 | | | | (0.40) | Grass over TOPSOIL with roots and rootlets. | | |
| 0.20 | D2 | | | | | | | |
| 0.30 | D3 | | | 21.11 | 0.40 | | | |
| 0.30 | J4 | | | | (0.20) | Brown, angular to subrounded, fine to coarse GRAVEL including sandstone. | | |
| 0.50 | D5 | | | 20.91 | 0.60 | | | |
| 0.50 | J6 | | | | | Stiff, brown, slightly sandy, slightly gravelly CLAY. Gravel is angular to subrounded, fine to coarse including sandstone. | | |
| 0.70 | D7 | | | | | | | |
| 1.00 | D8 | | | | | | | |
| 1.00 | J9 | | | | | | | |
| 1.20-1.65 | SPT N=2 | | 1,0/0,0,1,1 | | | | | |
| 1.20-1.65 | D10 | | | | | | | |
| 1.30 | D11 | | | | | | | |
| 2.00-2.45 | SPT N=7 | | 1,2/1,2,1,3 | | | | | |
| 2.00-2.45 | D12 | | | | | | | |
| 2.30 | D13 | | | | | Below 2.40m: silty. | | |
| 2.70 | D14 | | | | | | | |
| 3.00-3.45 | SPT N=13 | | 1,2/2,3,4,4 | | (4.85) | Below 3.00m: firm. | | |
| 3.00-3.45 | D15 | | | | | | | |
| 3.30 | D16 | | | | | | | |
| 3.50-5.00 | B17 | | | | | | | |
| 3.70 | D18 | | | | | | | |
| 4.00-4.45 | SPT N=9 | | 1,1/1,2,3,3 | | | | | |
| 4.00-4.45 | D19 | | | | | | | |
| 4.30 | D20 | | | | | | | |
| 4.70 | D21 | | | | | | | |
| 5.00-5.45 | SPT N=25 | | 4,4/5,6,7,7 | | | | | |
| 5.00-5.45 | D22 | | | | | | | |
| | | | | 16.06 | 5.45 | Complete at 5.45m | | |

**Remarks**
Window sample hole backfilled on completion.
Samples marked as J comprise 1 x amber jar and 1 x vial.
Excavating from 0.00m to 1.20m for 1.00 hour.

| Scale (approx) | Logged By |
|---|---|
| 1:40 | JC |

**Figure No.** 41455.WS227

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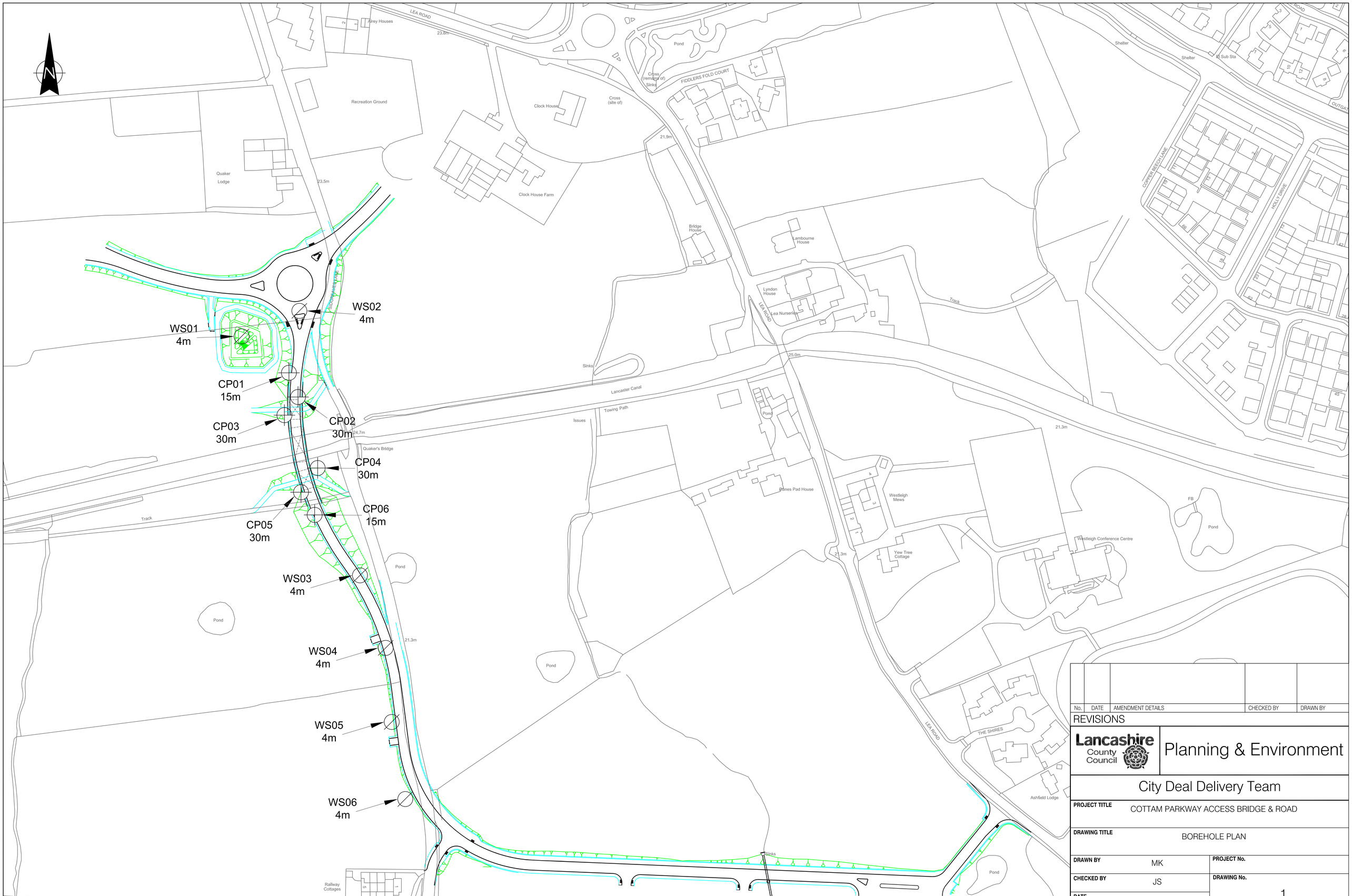
# Appendix D

Ground investigation location plan

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| No. | DATE | AMENDMENT DETAILS | CHECKED BY | DRAWN BY |
|---|---|---|---|---|

REVISIONS

Lancashire County Council

Planning & Environment

City Deal Delivery Team

| | | | |
|---|---|---|---|
| PROJECT TITLE | COTTAM PARKWAY ACCESS BRIDGE & ROAD | | |
| DRAWING TITLE | BOREHOLE PLAN | | |
| DRAWN BY | MK | PROJECT No. | |
| CHECKED BY | JS | DRAWING No. | 1 |
| DATE | JANUARY 2021 | | |
| SCALE @ A1 | NTS | SHEET No. 1 | REVISION: 0 |
| CLIENT No. | | | |

# Appendix E

Ground Model

Based upon the Ordnance Survey mapping with the permission of the Controller of Her Majesty's Stationary Office Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to prosecution or civil proceedings.

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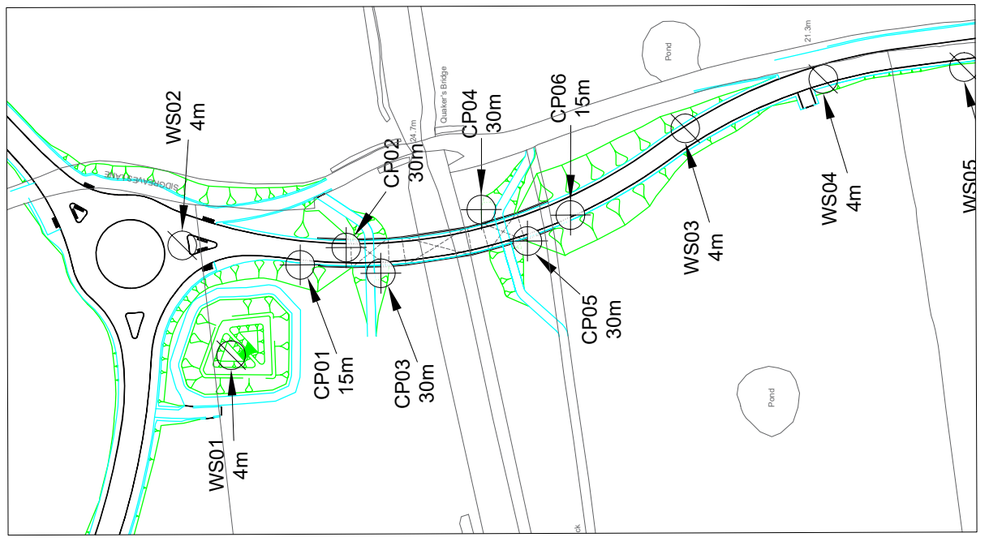
Notes:

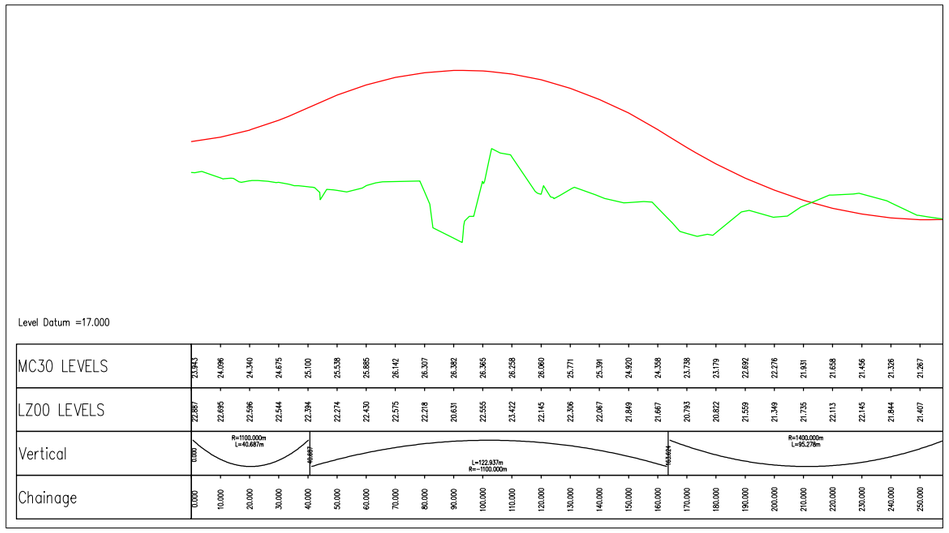
Only selected boreholes shown on cross section for clarity. For full details see: Ground Investigation Report (GIR) Cottam Parkway: Access Bridge and Embankment. Geotechnical Report No. CLM07b-LCC-RP-600-0001.

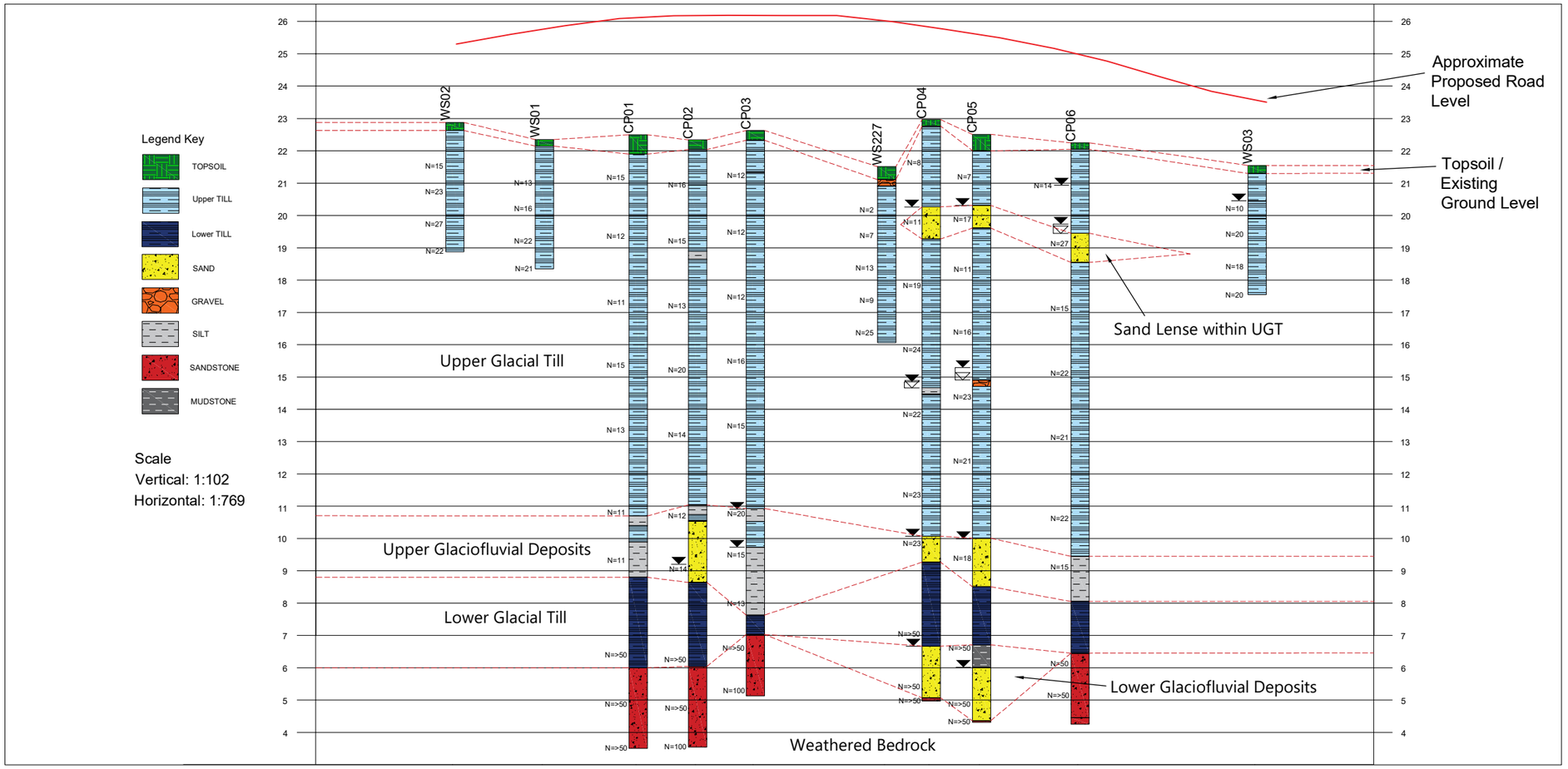
All levels and chainages are in metres unless noted otherwise.

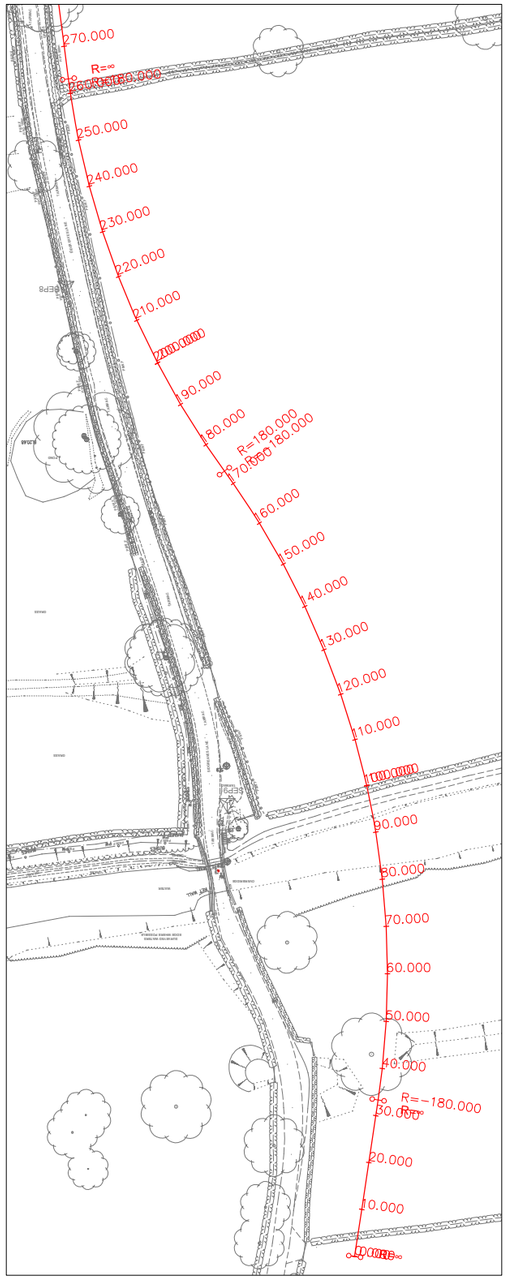
Highway alignment taken from drawing CLM07-LCC-DR-0100-1006 GENERAL ARRANGEMENT REV B.

Existing topography based upon CLM07-LCC-XR-0000-0004 - TOPO.




| No. | DATE | AMENDMENT DETAILS | CHECKED BY | DRAWN BY |
|---|---|---|---|---|

REVISIONS

Lancashire County Council

Design and Construction

| | | | |
|---|---|---|---|
| PROJECT TITLE | Cottam Parkway Station | | |
| DRAWING TITLE | Cottam Parkway Station Ground Model | | |
| DRAWN BY | LT | PROJECT No. | CLM07 |
| CHECKED BY | JS & RS | DRAWING No. | CLM07-LCC-DR-600-0001 |
| DATE | -/12/21 | | |
| SCALE @ A1 | AS SHOWN | SHEET No. | 1 of 1 |
| CLIENT No. | 33822R1 | REVISION | A1 |

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# Appendix F

Groundwater monitoring results

| | | Groundwater Levels | | |
|---|---|---|---|---|
| | | 09/04/2021 | | |
| Borehole | BH mAOD | Water Level (mbgl) | Base (mbgl) | Notes |
| CP1 | 22.50 | 11.51 | 17.36 | |
| CP3 | 22.63 | 13.95 | 16.27 | |
| CP4 | 22.97 | 9.17 | 16.12 | |
| CP6 | 22.25 | 3.58 | 16.21 | Water visible |

| | | Groundwater Levels | | |
|---|---|---|---|---|
| | | 16/04/2021 | | |
| Borehole | BH mAOD | Water Level (mbgl) | Base (mbgl) | Notes |
| CP1 | 22.50 | 11.21 | 17.06 | |
| CP3 | 22.63 | 13.73 | 16.19 | |
| CP4 | 22.97 | 13.50 | 16.08 | |
| CP6 | 22.25 | 3.54 | 16.24 | |

| | | Groundwater Levels | | |
|---|---|---|---|---|
| | | 22/04/2021 | | |
| Borehole | BH mAOD | Water Level (mbgl) | Base (mbgl) | Notes |
| CP1 | 22.50 | 10.94 | 17.06 | |
| CP3 | 22.63 | 13.66 | 16.17 | |
| CP4 | 22.97 | 13.47 | 16.02 | |
| CP6 | 22.25 | 4.06 | 16.18 | |

| | | Groundwater Levels | | |
|---|---|---|---|---|
| | | 12/05/2021 | | |
| Borehole | BH mAOD | Water Level (mbgl) | Base (mbgl) | Notes |
| CP1 | 22.50 | 10.41 | 17.06 | |
| CP3 | 22.63 | 13.41 | 16.16 | |
| CP4 | 22.97 | 13.45 | 16.01 | |
| CP6 | 22.25 | 3.29 | 16.14 | |

| | | Groundwater Levels | | |
|---|---|---|---|---|
| | | 26/05/2021 | | |
| Borehole | BH mAOD | Water Level (mbgl) | Base (mbgl) | Notes |
| CP1 | 22.50 | 9.59 | 17.00 | |
| CP3 | 22.63 | 13.48 | 16.14 | |
| CP4 | 22.97 | 13.43 | 15.95 | |
| CP6 | 22.25 | 2.73 | 16.07 | |

| | | Groundwater Levels | | |
|---|---|---|---|---|
| | | 29/06/2021 | | |
| Borehole | BH mAOD | Water Level (mbgl) | Base (mbgl) | Notes |
| CP1 | 22.50 | 10.04 | 17.05 | |
| CP3 | 22.63 | 13.40 | 16.10 | |
| CP4 | 22.97 | 13.42 | 16.01 | |
| CP6 | 22.25 | 6.20 | 16.08 | |

| | | Groundwater Levels | | |
|---|---|---|---|---|
| | | 22/07/2021 | | |
| Borehole | BH mAOD | Water Level (mbgl) | Base (mbgl) | Notes |
| CP1 | 22.50 | 9.15 | 17.06 | |
| CP3 | 22.63 | 13.42 | 16.13 | |
| CP4 | 22.97 | 13.43 | 16.03 | |
| CP6 | 22.25 | 6.36 | 16.05 | |

| | | Groundwater Levels | | |
|---|---|---|---|---|
| | | 26/08/2021 | | |
| Borehole | BH mAOD | Water Level (mbgl) | Base (mbgl) | Notes |
| CP1 | 22.50 | 9.03 | 17.00 | |
| CP3 | 22.63 | 13.45 | 16.15 | |
| CP4 | 22.97 | 13.61 | 16.03 | |
| CP6 | 22.25 | 7.38 | 16.28 | |

| | | Groundwater Levels | | |
|---|---|---|---|---|
| | | 13/09/2021 | | |
| Borehole | BH mAOD | Water Level (mbgl) | Base (mbgl) | Notes |
| CP1 | 22.50 | 8.98 | 16.84 | |
| CP3 | 22.63 | 13.25 | 16.03 | |
| CP4 | 22.97 | 13.42 | 15.96 | |
| CP6 | 22.25 | 7.79 | 15.90 | |

# Appendix G

HazWaste report

# Waste Classification Report

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

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

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

RFODB-HDMH4-QOFNK

## Job name

Cottam Parkway Bridge

## Description/Comments

## Project

## Site

## Classified by

Name:
**Jean Walmsley**
Date:
**09 Sep 2021 12:41 GMT**
Telephone:
**01772 583 564??**

Company:
**Lancashire Highways Services**
**Cuerden Way, Bamber Bridge, Preston, PR5 6BS**

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

**HazWasteOnline™ Certification:** **CERTIFIED**

| Course | Date |
|---|---|
| Hazardous Waste Classification | 11 Mar 2020 |

Next 3 year Refresher due by Mar 2023

## Job summary

| # | Sample name | Depth [m] | Classification Result | Hazard properties | Page |
|---|---|---|---|---|---|
| 1 | CP01 | 0.2 | Non Hazardous | | 2 |
| 2 | CP01[2] | 0.8 | Non Hazardous | | 4 |
| 3 | CP02 | 3.5 | Non Hazardous | | 6 |
| 4 | CP03 | 0.15 | Non Hazardous | | 8 |
| 5 | CP03[2] | 1.8 | Non Hazardous | | 10 |
| 6 | CP04 | 2.5 | Non Hazardous | | 12 |
| 7 | CP05 | 0.2 | Non Hazardous | | 14 |
| 8 | CP05[2] | 0.7 | Non Hazardous | | 16 |
| 9 | CP05[3] | 5.5 | Non Hazardous | | 18 |
| 10 | CP06 | 0.15 | Non Hazardous | | 20 |
| 11 | CP06[2] | 3.4 | Non Hazardous | | 22 |
| 12 | WS01 | 0.1 | Non Hazardous | | 24 |
| 13 | WS02 | 0.65 | Non Hazardous | | 26 |
| 14 | WS03 | 0.1 | Non Hazardous | | 28 |

## Related documents

| # | Name | Description |
|---|---|---|
| 1 | Standard Totals and HCs | waste stream template used to create this Job |

## Report

Created by: Jean Walmsley

Created date: 09 Sep 2021 12:41 GMT


| Appendices | Page |
|---|---|
| Appendix A: Classifier defined and non CLP determinands | 30 |
| Appendix B: Rationale for selection of metal species | 31 |
| Appendix C: Version | 31 |

## Classification of sample: CP01

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

## Sample details

Sample name:
**CP01**
Sample Depth:
**0.2 m**

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

## Hazard properties

None identified

## Determinands

Moisture content: 0% No Moisture Correction applied (MC)

| # | | Determinand | CLP index number | EC Number | CAS Number | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | | 8.5 | mg/kg | 1.32 | 11.223 | mg/kg | 0.00112 % | | |
| 2 | | boron { boron tribromide/trichloride/trifluoride (combined) } | | | 10294-33-4, 10294-34-5, 7637-07-2 | | 0.6 | mg/kg | 13.43 | 8.058 | mg/kg | 0.000806 % | | |
| 3 | | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 1 | <0.5 | mg/kg | 1.285 | <0.643 | mg/kg | <0.00005 % | | **<LOD** |
| 4 | | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | 215-160-9 | 1308-38-9 | | 29.3 | mg/kg | 1.462 | 42.824 | mg/kg | 0.00428 % | | |
| 5 | | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | | 23.3 | mg/kg | 1.126 | 26.233 | mg/kg | 0.00262 % | | |
| 6 | | lead { lead chromate } | 082-004-00-2 | 231-846-0 | 7758-97-6 | 1 | 24.6 | mg/kg | 1.56 | 38.371 | mg/kg | 0.00246 % | | |
| 7 | | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | | <0.5 | mg/kg | 1.353 | <0.677 | mg/kg | <0.0000677 % | | **<LOD** |
| 8 | | nickel { nickel dihydroxide } | 028-008-00-X | 235-008-5 [1]<br>234-348-1 [2] | 12054-48-7 [1]<br>11113-74-9 [2] | | 22.9 | mg/kg | 1.579 | 36.171 | mg/kg | 0.00362 % | | |
| 9 | | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | | <1 | mg/kg | 1.405 | <1.405 | mg/kg | <0.000141 % | | **<LOD** |
| 10 | | zinc { zinc chromate } | 024-007-00-3 | 236-878-9 | 13530-65-9 | | 47.4 | mg/kg | 2.774 | 131.495 | mg/kg | 0.0131 % | | |
| 11 | | pH | | | PH | | 6.5 | pH | | 6.5 | pH | 6.5 pH | | |
| 12 | | TPH (C6 to C40) petroleum group | | | TPH | | <1 | mg/kg | | <1 | mg/kg | <0.0001 % | | **<LOD** |
| 13 | | acenaphthene | | 201-469-6 | 83-32-9 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| 14 | | acenaphthylene | | 205-917-1 | 208-96-8 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| 15 | | anthracene | | 204-371-1 | 120-12-7 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |

| # | | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 16 | | benzo[a]anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | | |
| 17 | | benzo[a]pyrene; benzo[def]chrysene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | | |
| 18 | | benzo[b]fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | | |
| 19 | • | benzo[ghi]perylene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-883-8 | 191-24-2 | | | | | | | | | |
| 20 | | benzo[k]fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | | |
| 21 | | chrysene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | | |
| 22 | | dibenz[a,h]anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-041-00-2 | 200-181-8 | 53-70-3 | | | | | | | | | |
| 23 | • | fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-912-4 | 206-44-0 | | | | | | | | | |
| 24 | • | fluorene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 25 | • | indeno[123-cd]pyrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-893-2 | 193-39-5 | | | | | | | | | |
| 26 | | naphthalene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 27 | • | phenanthrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 28 | • | pyrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 204-927-3 | 129-00-0 | | | | | | | | | |
| | | | | | | | | | | Total: | 0.0286 % | | |

Key

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

## Classification of sample: CP01[2]

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

## Sample details

Sample name:
**CP01[2]**
Sample Depth:
**0.8 m**

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

## Hazard properties

None identified

## Determinands

Moisture content: 0% No Moisture Correction applied (MC)

| # | | Determinand | CLP index number | EC Number | CAS Number | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | | 12.2 | mg/kg | 1.32 | 16.108 | mg/kg | 0.00161 % | | |
| 2 | | boron { boron tribromide/trichloride/trifluoride (combined) } | | | 10294-33-4, 10294-34-5, 7637-07-2 | | <0.5 | mg/kg | 13.43 | <6.715 | mg/kg | <0.000672 % | | <LOD |
| 3 | | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 1 | <0.5 | mg/kg | 1.285 | <0.643 | mg/kg | <0.00005 % | | <LOD |
| 4 | | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | 215-160-9 | 1308-38-9 | | 46.7 | mg/kg | 1.462 | 68.255 | mg/kg | 0.00683 % | | |
| 5 | | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | | 21.5 | mg/kg | 1.126 | 24.207 | mg/kg | 0.00242 % | | |
| 6 | | lead { lead chromate } | 082-004-00-2 | 231-846-0 | 7758-97-6 | 1 | 15.9 | mg/kg | 1.56 | 24.801 | mg/kg | 0.00159 % | | |
| 7 | | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | | <0.5 | mg/kg | 1.353 | <0.677 | mg/kg | <0.0000677 % | | <LOD |
| 8 | | nickel { nickel dihydroxide } | 028-008-00-X | 235-008-5 [1]<br>234-348-1 [2] | 12054-48-7 [1]<br>11113-74-9 [2] | | 34.1 | mg/kg | 1.579 | 53.861 | mg/kg | 0.00539 % | | |
| 9 | | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | | <1 | mg/kg | 1.405 | <1.405 | mg/kg | <0.000141 % | | <LOD |
| 10 | | zinc { zinc chromate } | 024-007-00-3 | 236-878-9 | 13530-65-9 | | 41.6 | mg/kg | 2.774 | 115.404 | mg/kg | 0.0115 % | | |
| 11 | | pH | | | PH | | 7 | pH | | 7 | pH | 7pH | | |
| 12 | | TPH (C6 to C40) petroleum group | | | TPH | | <1 | mg/kg | | <1 | mg/kg | <0.0001 % | | <LOD |
| 13 | | acenaphthene | | 201-469-6 | 83-32-9 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 14 | | acenaphthylene | | 205-917-1 | 208-96-8 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 15 | | anthracene | | 204-371-1 | 120-12-7 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |

| # | | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 16 | | benzo[a]anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | | |
| 17 | | benzo[a]pyrene; benzo[def]chrysene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | | |
| 18 | | benzo[b]fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | | |
| 19 | • | benzo[ghi]perylene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-883-8 | 191-24-2 | | | | | | | | | |
| 20 | | benzo[k]fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | | |
| 21 | | chrysene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | | |
| 22 | | dibenz[a,h]anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-041-00-2 | 200-181-8 | 53-70-3 | | | | | | | | | |
| 23 | • | fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-912-4 | 206-44-0 | | | | | | | | | |
| 24 | • | fluorene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 25 | • | indeno[123-cd]pyrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-893-2 | 193-39-5 | | | | | | | | | |
| 26 | | naphthalene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 27 | • | phenanthrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 28 | • | pyrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 204-927-3 | 129-00-0 | | | | | | | | | |
| | | | | | | | | | | Total: | 0.0306 % | | |

Key

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

## Classification of sample: CP02

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

## Sample details

Sample name:
**CP02**
Sample Depth:
**3.5 m**

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

## Hazard properties

None identified

## Determinands

Moisture content: 0% No Moisture Correction applied (MC)

| # | | Determinand | CLP index number | EC Number | CAS Number | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | | 5.1 | mg/kg | 1.32 | 6.734 | mg/kg | 0.000673 % | | |
| 2 | | boron { boron tribromide/trichloride/trifluoride (combined) } | | | 10294-33-4, 10294-34-5, 7637-07-2 | | <0.5 | mg/kg | 13.43 | <6.715 | mg/kg | <0.000672 % | | <LOD |
| 3 | | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 1 | <0.5 | mg/kg | 1.285 | <0.643 | mg/kg | <0.00005 % | | <LOD |
| 4 | | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | 215-160-9 | 1308-38-9 | | 20.3 | mg/kg | 1.462 | 29.67 | mg/kg | 0.00297 % | | |
| 5 | | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | | 10.2 | mg/kg | 1.126 | 11.484 | mg/kg | 0.00115 % | | |
| 6 | | lead { lead chromate } | 082-004-00-2 | 231-846-0 | 7758-97-6 | 1 | 8.3 | mg/kg | 1.56 | 12.946 | mg/kg | 0.00083 % | | |
| 7 | | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | | <0.5 | mg/kg | 1.353 | <0.677 | mg/kg | <0.0000677 % | | <LOD |
| 8 | | nickel { nickel dihydroxide } | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | 17.7 | mg/kg | 1.579 | 27.957 | mg/kg | 0.0028 % | | |
| 9 | | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | | <1 | mg/kg | 1.405 | <1.405 | mg/kg | <0.000141 % | | <LOD |
| 10 | | zinc { zinc chromate } | 024-007-00-3 | 236-878-9 | 13530-65-9 | | 31.1 | mg/kg | 2.774 | 86.276 | mg/kg | 0.00863 % | | |
| 11 | | pH | | | PH | | 8.8 | pH | | 8.8 | pH | 8.8 pH | | |
| 12 | | TPH (C6 to C40) petroleum group | | | TPH | | 4.2 | mg/kg | | 4.2 | mg/kg | 0.00042 % | | |
| 13 | | acenaphthene | | 201-469-6 | 83-32-9 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 14 | | acenaphthylene | | 205-917-1 | 208-96-8 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 15 | | anthracene | | 204-371-1 | 120-12-7 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |

| # | | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 16 | | benzo[a]anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | | |
| 17 | | benzo[a]pyrene; benzo[def]chrysene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | | |
| 18 | | benzo[b]fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | | |
| 19 | • | benzo[ghi]perylene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-883-8 | 191-24-2 | | | | | | | | | |
| 20 | | benzo[k]fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | | |
| 21 | | chrysene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | | |
| 22 | | dibenz[a,h]anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-041-00-2 | 200-181-8 | 53-70-3 | | | | | | | | | |
| 23 | • | fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-912-4 | 206-44-0 | | | | | | | | | |
| 24 | • | fluorene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 25 | • | indeno[123-cd]pyrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-893-2 | 193-39-5 | | | | | | | | | |
| 26 | | naphthalene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 27 | • | phenanthrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 28 | • | pyrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 204-927-3 | 129-00-0 | | | | | | | | | |
| | | | | | | | | | | 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 Deteminand - 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 No liquid phase product was observed in the sample

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00042%)

## Classification of sample: CP03

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

## Sample details

Sample name:
**CP03**
Sample Depth:
**0.15 m**

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

## Hazard properties

None identified

## Determinands

Moisture content: 0% No Moisture Correction applied (MC)

| # | | Determinand | CLP index number | EC Number | CAS Number | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | | 13.9 | mg/kg | 1.32 | 18.353 | mg/kg | 0.00184 % | | |
| 2 | | boron { boron tribromide/trichloride/trifluoride (combined) } | | | 10294-33-4, 10294-34-5, 7637-07-2 | | 0.9 | mg/kg | 13.43 | 12.087 | mg/kg | 0.00121 % | | |
| 3 | | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 1 | <0.5 | mg/kg | 1.285 | <0.643 | mg/kg | <0.00005 % | | <LOD |
| 4 | | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | 215-160-9 | 1308-38-9 | | 37.8 | mg/kg | 1.462 | 55.247 | mg/kg | 0.00552 % | | |
| 5 | | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | | 36.7 | mg/kg | 1.126 | 41.32 | mg/kg | 0.00413 % | | |
| 6 | | lead { lead chromate } | 082-004-00-2 | 231-846-0 | 7758-97-6 | 1 | 81.3 | mg/kg | 1.56 | 126.813 | mg/kg | 0.00813 % | | |
| 7 | | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | | <0.5 | mg/kg | 1.353 | <0.677 | mg/kg | <0.0000677 % | | <LOD |
| 8 | | nickel { nickel dihydroxide } | 028-008-00-X | 235-008-5 [1]<br>234-348-1 [2] | 12054-48-7 [1]<br>11113-74-9 [2] | | 26.7 | mg/kg | 1.579 | 42.173 | mg/kg | 0.00422 % | | |
| 9 | | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | | <1 | mg/kg | 1.405 | <1.405 | mg/kg | <0.000141 % | | <LOD |
| 10 | | zinc { zinc chromate } | 024-007-00-3 | 236-878-9 | 13530-65-9 | | 92 | mg/kg | 2.774 | 255.221 | mg/kg | 0.0255 % | | |
| 11 | | pH | | | PH | | 6.7 | pH | | 6.7 | pH | 6.7 pH | | |
| 12 | | TPH (C6 to C40) petroleum group | | | TPH | | <1 | mg/kg | | <1 | mg/kg | <0.0001 % | | <LOD |
| 13 | | acenaphthene | | 201-469-6 | 83-32-9 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 14 | | acenaphthylene | | 205-917-1 | 208-96-8 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 15 | | anthracene | | 204-371-1 | 120-12-7 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |

| # | | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 16 | | benzo[a]anthracene | | | | 0.1 | mg/kg | | 0.1 | mg/kg | 0.00001 % | | |
| | | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | | |
| 17 | | benzo[a]pyrene; benzo[def]chrysene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | | |
| 18 | | benzo[b]fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | | |
| 19 | • | benzo[ghi]perylene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-883-8 | 191-24-2 | | | | | | | | | |
| 20 | | benzo[k]fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | | |
| 21 | | chrysene | | | | 0.1 | mg/kg | | 0.1 | mg/kg | 0.00001 % | | |
| | | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | | |
| 22 | | dibenz[a,h]anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-041-00-2 | 200-181-8 | 53-70-3 | | | | | | | | | |
| 23 | • | fluoranthene | | | | 0.2 | mg/kg | | 0.2 | mg/kg | 0.00002 % | | |
| | | | 205-912-4 | 206-44-0 | | | | | | | | | |
| 24 | • | fluorene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 25 | • | indeno[123-cd]pyrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-893-2 | 193-39-5 | | | | | | | | | |
| 26 | | naphthalene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 27 | • | phenanthrene | | | | 0.1 | mg/kg | | 0.1 | mg/kg | 0.00001 % | | |
| | | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 28 | • | pyrene | | | | 0.2 | mg/kg | | 0.2 | mg/kg | 0.00002 % | | |
| | | | 204-927-3 | 129-00-0 | | | | | | | | | |
| | | | | | | | | | | Total: | 0.0511 % | | |

Key

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

## Classification of sample: CP03[2]

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

## Sample details

Sample name:
**CP03[2]**
Sample Depth:
**1.8 m**

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

## Hazard properties

None identified

## Determinands

Moisture content: 0% No Moisture Correction applied (MC)

| # | | Determinand | CLP index number | EC Number | CAS Number | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | | 11.1 | mg/kg | 1.32 | 14.656 | mg/kg | 0.00147 % | | |
| 2 | | boron { boron tribromide/trichloride/trifluoride (combined) } | | | 10294-33-4, 10294-34-5, 7637-07-2 | | <0.5 | mg/kg | 13.43 | <6.715 | mg/kg | <0.000672 % | | <LOD |
| 3 | | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 1 | <0.5 | mg/kg | 1.285 | <0.643 | mg/kg | <0.00005 % | | <LOD |
| 4 | | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | 215-160-9 | 1308-38-9 | | 41.1 | mg/kg | 1.462 | 60.07 | mg/kg | 0.00601 % | | |
| 5 | | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | | 20.4 | mg/kg | 1.126 | 22.968 | mg/kg | 0.0023 % | | |
| 6 | | lead { lead chromate } | 082-004-00-2 | 231-846-0 | 7758-97-6 | 1 | 15.8 | mg/kg | 1.56 | 24.645 | mg/kg | 0.00158 % | | |
| 7 | | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | | <0.5 | mg/kg | 1.353 | <0.677 | mg/kg | <0.0000677 % | | <LOD |
| 8 | | nickel { nickel dihydroxide } | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | 37.1 | mg/kg | 1.579 | 58.599 | mg/kg | 0.00586 % | | |
| 9 | | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | | <1 | mg/kg | 1.405 | <1.405 | mg/kg | <0.000141 % | | <LOD |
| 10 | | zinc { zinc chromate } | 024-007-00-3 | 236-878-9 | 13530-65-9 | | 52.7 | mg/kg | 2.774 | 146.198 | mg/kg | 0.0146 % | | |
| 11 | | pH | | | PH | | 8.1 | pH | | 8.1 | pH | 8.1 pH | | |
| 12 | | TPH (C6 to C40) petroleum group | | | TPH | | <1 | mg/kg | | <1 | mg/kg | <0.0001 % | | <LOD |
| 13 | | acenaphthene | | 201-469-6 | 83-32-9 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 14 | | acenaphthylene | | 205-917-1 | 208-96-8 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 15 | | anthracene | | 204-371-1 | 120-12-7 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |

| # | | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 16 | | benzo[a]anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | | |
| 17 | | benzo[a]pyrene; benzo[def]chrysene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | | |
| 18 | | benzo[b]fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | | |
| 19 | • | benzo[ghi]perylene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-883-8 | 191-24-2 | | | | | | | | | |
| 20 | | benzo[k]fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | | |
| 21 | | chrysene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | | |
| 22 | | dibenz[a,h]anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-041-00-2 | 200-181-8 | 53-70-3 | | | | | | | | | |
| 23 | • | fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-912-4 | 206-44-0 | | | | | | | | | |
| 24 | • | fluorene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 25 | • | indeno[123-cd]pyrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-893-2 | 193-39-5 | | | | | | | | | |
| 26 | | naphthalene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 27 | • | phenanthrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 28 | • | pyrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 204-927-3 | 129-00-0 | | | | | | | | | |
| | | | | | | | | | | Total: | 0.033 % | | |

Key

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

## Classification of sample: CP04

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

## Sample details

Sample name:
**CP04**
Sample Depth:
**2.5 m**

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

## Hazard properties

None identified

## Determinands

Moisture content: 0% No Moisture Correction applied (MC)

| # | | Determinand | CLP index number | EC Number | CAS Number | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | | 12.1 | mg/kg | 1.32 | 15.976 | mg/kg | 0.0016 % | | |
| 2 | | boron { boron tribromide/trichloride/trifluoride (combined) } | | | 10294-33-4, 10294-34-5, 7637-07-2 | | <0.5 | mg/kg | 13.43 | <6.715 | mg/kg | <0.000672 % | | <LOD |
| 3 | | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 1 | <0.5 | mg/kg | 1.285 | <0.643 | mg/kg | <0.00005 % | | <LOD |
| 4 | | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | 215-160-9 | 1308-38-9 | | 26.3 | mg/kg | 1.462 | 38.439 | mg/kg | 0.00384 % | | |
| 5 | | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | | 21 | mg/kg | 1.126 | 23.644 | mg/kg | 0.00236 % | | |
| 6 | | lead { lead chromate } | 082-004-00-2 | 231-846-0 | 7758-97-6 | 1 | 11.4 | mg/kg | 1.56 | 17.782 | mg/kg | 0.00114 % | | |
| 7 | | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | | <0.5 | mg/kg | 1.353 | <0.677 | mg/kg | <0.0000677 % | | <LOD |
| 8 | | nickel { nickel dihydroxide } | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | 29.2 | mg/kg | 1.579 | 46.121 | mg/kg | 0.00461 % | | |
| 9 | | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | | <1 | mg/kg | 1.405 | <1.405 | mg/kg | <0.000141 % | | <LOD |
| 10 | | zinc { zinc chromate } | 024-007-00-3 | 236-878-9 | 13530-65-9 | | 48 | mg/kg | 2.774 | 133.159 | mg/kg | 0.0133 % | | |
| 11 | | pH | | | PH | | 8.3 | pH | | 8.3 | pH | 8.3 pH | | |
| 12 | | TPH (C6 to C40) petroleum group | | | TPH | | 1.4 | mg/kg | | 1.4 | mg/kg | 0.00014 % | | |
| 13 | | acenaphthene | | 201-469-6 | 83-32-9 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 14 | | acenaphthylene | | 205-917-1 | 208-96-8 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 15 | | anthracene | | 204-371-1 | 120-12-7 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |

| # | | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 16 | | benzo[a]anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | | |
| 17 | | benzo[a]pyrene; benzo[def]chrysene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | | |
| 18 | | benzo[b]fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | | |
| 19 | • | benzo[ghi]perylene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-883-8 | 191-24-2 | | | | | | | | | |
| 20 | | benzo[k]fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | | |
| 21 | | chrysene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | | |
| 22 | | dibenz[a,h]anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-041-00-2 | 200-181-8 | 53-70-3 | | | | | | | | | |
| 23 | • | fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-912-4 | 206-44-0 | | | | | | | | | |
| 24 | • | fluorene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 25 | • | indeno[123-cd]pyrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-893-2 | 193-39-5 | | | | | | | | | |
| 26 | | naphthalene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 27 | • | phenanthrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 28 | • | pyrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 204-927-3 | 129-00-0 | | | | | | | | | |
| | | | | | | | | | | Total: | 0.0281 % | | |

Key

| | |
|---|---|
| | User supplied data |
| | Determinand values ignored for classification, see column 'Conc. Not Used' for reason |
| • | Determinand defined or amended by HazWasteOnline (see Appendix A) |
| | Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| **<LOD** | Below limit of detection |
| **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 No liquid phase product was observed in the sample

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00014%)

## Classification of sample: CP05

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

## Sample details

Sample name:
**CP05**
Sample Depth:
**0.2 m**

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

## Hazard properties

None identified

## Determinands

Moisture content: 0% No Moisture Correction applied (MC)

| # | | Determinand | CLP index number | EC Number | CAS Number | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | | 10 | mg/kg | 1.32 | 13.203 | mg/kg | 0.00132 % | | |
| 2 | | boron { boron tribromide/trichloride/trifluoride (combined) } | | | 10294-33-4, 10294-34-5, 7637-07-2 | | 1 | mg/kg | 13.43 | 13.43 | mg/kg | 0.00134 % | | |
| 3 | | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 1 | <0.5 | mg/kg | 1.285 | <0.643 | mg/kg | <0.00005 % | | **<LOD** |
| 4 | | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | 215-160-9 | 1308-38-9 | | 32.2 | mg/kg | 1.462 | 47.062 | mg/kg | 0.00471 % | | |
| 5 | | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | | 25.6 | mg/kg | 1.126 | 28.823 | mg/kg | 0.00288 % | | |
| 6 | | lead { lead chromate } | 082-004-00-2 | 231-846-0 | 7758-97-6 | 1 | 54.5 | mg/kg | 1.56 | 85.01 | mg/kg | 0.00545 % | | |
| 7 | | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | | <0.5 | mg/kg | 1.353 | <0.677 | mg/kg | <0.0000677 % | | **<LOD** |
| 8 | | nickel { nickel dihydroxide } | 028-008-00-X | 235-008-5 [1]<br>234-348-1 [2] | 12054-48-7 [1]<br>11113-74-9 [2] | | 24.6 | mg/kg | 1.579 | 38.856 | mg/kg | 0.00389 % | | |
| 9 | | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | | <1 | mg/kg | 1.405 | <1.405 | mg/kg | <0.000141 % | | **<LOD** |
| 10 | | zinc { zinc chromate } | 024-007-00-3 | 236-878-9 | 13530-65-9 | | 77.4 | mg/kg | 2.774 | 214.719 | mg/kg | 0.0215 % | | |
| 11 | | pH | | | PH | | 6.8 | pH | | 6.8 | pH | 6.8 pH | | |
| 12 | | TPH (C6 to C40) petroleum group | | | TPH | | 16.6 | mg/kg | | 16.6 | mg/kg | 0.00166 % | | |
| 13 | | acenaphthene | | 201-469-6 | 83-32-9 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| 14 | | acenaphthylene | | 205-917-1 | 208-96-8 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| 15 | | anthracene | | 204-371-1 | 120-12-7 | | 0.1 | mg/kg | | 0.1 | mg/kg | 0.00001 % | | |

| # | | 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]anthracene | | | | 0.3 | mg/kg | | 0.3 | mg/kg | 0.00003 % | | |
| | | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | | |
| 17 | | benzo[a]pyrene; benzo[def]chrysene | | | | 0.2 | mg/kg | | 0.2 | mg/kg | 0.00002 % | | |
| | | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | | |
| 18 | | benzo[b]fluoranthene | | | | 0.3 | mg/kg | | 0.3 | mg/kg | 0.00003 % | | |
| | | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | | |
| 19 | • | benzo[ghi]perylene | | | | 0.1 | mg/kg | | 0.1 | mg/kg | 0.00001 % | | |
| | | | 205-883-8 | 191-24-2 | | | | | | | | | |
| 20 | | benzo[k]fluoranthene | | | | 0.3 | mg/kg | | 0.3 | mg/kg | 0.00003 % | | |
| | | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | | |
| 21 | | chrysene | | | | 0.3 | mg/kg | | 0.3 | mg/kg | 0.00003 % | | |
| | | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | | |
| 22 | | dibenz[a,h]anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-041-00-2 | 200-181-8 | 53-70-3 | | | | | | | | | |
| 23 | • | fluoranthene | | | | 0.6 | mg/kg | | 0.6 | mg/kg | 0.00006 % | | |
| | | | 205-912-4 | 206-44-0 | | | | | | | | | |
| 24 | • | fluorene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 25 | • | indeno[123-cd]pyrene | | | | 0.1 | mg/kg | | 0.1 | mg/kg | 0.00001 % | | |
| | | | 205-893-2 | 193-39-5 | | | | | | | | | |
| 26 | | naphthalene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 27 | • | phenanthrene | | | | 0.4 | mg/kg | | 0.4 | mg/kg | 0.00004 % | | |
| | | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 28 | • | pyrene | | | | 0.5 | mg/kg | | 0.5 | mg/kg | 0.00005 % | | |
| | | | 204-927-3 | 129-00-0 | | | | | | | | | |
| | | | | | | | | | | Total: | 0.0433 % | | |

Key

| | |
|---|---|
| | User supplied data |
| | Determinand values ignored for classification, see column 'Conc. Not Used' for reason |
| • | Determinand defined or amended by HazWasteOnline (see Appendix A) |
| | Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| **<LOD** | Below limit of detection |
| **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 No liquid phase product was observed in the sample

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00166%)

## Classification of sample: CP05[2]

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

## Sample details

Sample name:
**CP05[2]**
Sample Depth:
**0.7 m**

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

## Hazard properties

None identified

## Determinands

Moisture content: 0% No Moisture Correction applied (MC)

| # | | Determinand | CLP index number | EC Number | CAS Number | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | | 11.1 | mg/kg | 1.32 | 14.656 | mg/kg | 0.00147 % | | |
| 2 | | boron { boron tribromide/trichloride/trifluoride (combined) } | | | 10294-33-4, 10294-34-5, 7637-07-2 | | 0.9 | mg/kg | 13.43 | 12.087 | mg/kg | 0.00121 % | | |
| 3 | | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 1 | <0.5 | mg/kg | 1.285 | <0.643 | mg/kg | <0.00005 % | | **<LOD** |
| 4 | | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | 215-160-9 | 1308-38-9 | | 42.2 | mg/kg | 1.462 | 61.678 | mg/kg | 0.00617 % | | |
| 5 | | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | | 19.1 | mg/kg | 1.126 | 21.504 | mg/kg | 0.00215 % | | |
| 6 | | lead { lead chromate } | 082-004-00-2 | 231-846-0 | 7758-97-6 | 1 | 18.2 | mg/kg | 1.56 | 28.389 | mg/kg | 0.00182 % | | |
| 7 | | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | | <0.5 | mg/kg | 1.353 | <0.677 | mg/kg | <0.0000677 % | | **<LOD** |
| 8 | | nickel { nickel dihydroxide } | 028-008-00-X | 235-008-5 [1]<br>234-348-1 [2] | 12054-48-7 [1]<br>11113-74-9 [2] | | 28.7 | mg/kg | 1.579 | 45.332 | mg/kg | 0.00453 % | | |
| 9 | | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | | <1 | mg/kg | 1.405 | <1.405 | mg/kg | <0.000141 % | | **<LOD** |
| 10 | | zinc { zinc chromate } | 024-007-00-3 | 236-878-9 | 13530-65-9 | | 41.6 | mg/kg | 2.774 | 115.404 | mg/kg | 0.0115 % | | |
| 11 | | pH | | | PH | | 7 | pH | | 7 | pH | 7pH | | |
| 12 | | TPH (C6 to C40) petroleum group | | | TPH | | 4.4 | mg/kg | | 4.4 | mg/kg | 0.00044 % | | |
| 13 | | acenaphthene | | 201-469-6 | 83-32-9 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| 14 | | acenaphthylene | | 205-917-1 | 208-96-8 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| 15 | | anthracene | | 204-371-1 | 120-12-7 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |

| # | | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 16 | | benzo[a]anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | | |
| 17 | | benzo[a]pyrene; benzo[def]chrysene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | | |
| 18 | | benzo[b]fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | | |
| 19 | • | benzo[ghi]perylene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-883-8 | 191-24-2 | | | | | | | | | |
| 20 | | benzo[k]fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | | |
| 21 | | chrysene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | | |
| 22 | | dibenz[a,h]anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-041-00-2 | 200-181-8 | 53-70-3 | | | | | | | | | |
| 23 | • | fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-912-4 | 206-44-0 | | | | | | | | | |
| 24 | • | fluorene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 25 | • | indeno[123-cd]pyrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-893-2 | 193-39-5 | | | | | | | | | |
| 26 | | naphthalene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 27 | • | phenanthrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 28 | • | pyrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 204-927-3 | 129-00-0 | | | | | | | | | |
| | | | | | | | | | | Total: | 0.0297 % | | |

Key

| | |
|---|---|
| | User supplied data |
| | Determinand values ignored for classification, see column 'Conc. Not Used' for reason |
| • | Determinand defined or amended by HazWasteOnline (see Appendix A) |
| | Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| **<LOD** | Below limit of detection |
| **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 No liquid phase product was observed in the sample

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00044%)

## Classification of sample: CP05[3]

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

## Sample details

Sample name:
**CP05[3]**
Sample Depth:
**5.5 m**

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

## Hazard properties

None identified

## Determinands

Moisture content: 0% No Moisture Correction applied (MC)

| # | | Determinand | CLP index number | EC Number | CAS Number | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | | 9.2 | mg/kg | 1.32 | 12.147 | mg/kg | 0.00121 % | | |
| 2 | | boron { boron tribromide/trichloride/trifluoride (combined) } | | | 10294-33-4, 10294-34-5, 7637-07-2 | | 1.3 | mg/kg | 13.43 | 17.459 | mg/kg | 0.00175 % | | |
| 3 | | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 1 | <0.5 | mg/kg | 1.285 | <0.643 | mg/kg | <0.00005 % | | **<LOD** |
| 4 | | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | 215-160-9 | 1308-38-9 | | 34.2 | mg/kg | 1.462 | 49.985 | mg/kg | 0.005 % | | |
| 5 | | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | | 18.5 | mg/kg | 1.126 | 20.829 | mg/kg | 0.00208 % | | |
| 6 | | lead { lead chromate } | 082-004-00-2 | 231-846-0 | 7758-97-6 | 1 | 14.9 | mg/kg | 1.56 | 23.241 | mg/kg | 0.00149 % | | |
| 7 | | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | | <0.5 | mg/kg | 1.353 | <0.677 | mg/kg | <0.0000677 % | | **<LOD** |
| 8 | | nickel { nickel dihydroxide } | 028-008-00-X | 235-008-5 [1]<br>234-348-1 [2] | 12054-48-7 [1]<br>11113-74-9 [2] | | 31.6 | mg/kg | 1.579 | 49.912 | mg/kg | 0.00499 % | | |
| 9 | | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | | <1 | mg/kg | 1.405 | <1.405 | mg/kg | <0.000141 % | | **<LOD** |
| 10 | | zinc { zinc chromate } | 024-007-00-3 | 236-878-9 | 13530-65-9 | | 53.6 | mg/kg | 2.774 | 148.694 | mg/kg | 0.0149 % | | |
| 11 | | pH | | | PH | | 8.4 | pH | | 8.4 | pH | 8.4 pH | | |
| 12 | | TPH (C6 to C40) petroleum group | | | TPH | | <1 | mg/kg | | <1 | mg/kg | <0.0001 % | | **<LOD** |
| 13 | | acenaphthene | | 201-469-6 | 83-32-9 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| 14 | | acenaphthylene | | 205-917-1 | 208-96-8 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| 15 | | anthracene | | 204-371-1 | 120-12-7 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |

| # | | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 16 | | benzo[a]anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | | |
| 17 | | benzo[a]pyrene; benzo[def]chrysene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | | |
| 18 | | benzo[b]fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | | |
| 19 | • | benzo[ghi]perylene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-883-8 | 191-24-2 | | | | | | | | | |
| 20 | | benzo[k]fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | | |
| 21 | | chrysene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | | |
| 22 | | dibenz[a,h]anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-041-00-2 | 200-181-8 | 53-70-3 | | | | | | | | | |
| 23 | • | fluoranthene | | | | 0.1 | mg/kg | | 0.1 | mg/kg | 0.00001 % | | |
| | | | 205-912-4 | 206-44-0 | | | | | | | | | |
| 24 | • | fluorene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 25 | • | indeno[123-cd]pyrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-893-2 | 193-39-5 | | | | | | | | | |
| 26 | | naphthalene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 27 | • | phenanthrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 28 | • | pyrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 204-927-3 | 129-00-0 | | | | | | | | | |
| | | | | | | | | | | Total: | 0.0319 % | | |

Key

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

## Classification of sample: CP06

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

## Sample details

Sample name:
**CP06**
Sample Depth:
**0.15 m**

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

## Hazard properties

None identified

## Determinands

Moisture content: 0% No Moisture Correction applied (MC)

| # | | Determinand | CLP index number | EC Number | CAS Number | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | | 9.5 | mg/kg | 1.32 | 12.543 | mg/kg | 0.00125 % | | |
| 2 | | boron { boron tribromide/trichloride/trifluoride (combined) } | | | 10294-33-4, 10294-34-5, 7637-07-2 | | 0.9 | mg/kg | 13.43 | 12.087 | mg/kg | 0.00121 % | | |
| 3 | | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 1 | <0.5 | mg/kg | 1.285 | <0.643 | mg/kg | <0.00005 % | | <LOD |
| 4 | | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | 215-160-9 | 1308-38-9 | | 25.4 | mg/kg | 1.462 | 37.124 | mg/kg | 0.00371 % | | |
| 5 | | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | | 23.6 | mg/kg | 1.126 | 26.571 | mg/kg | 0.00266 % | | |
| 6 | | lead { lead chromate } | 082-004-00-2 | 231-846-0 | 7758-97-6 | 1 | 41.9 | mg/kg | 1.56 | 65.356 | mg/kg | 0.00419 % | | |
| 7 | | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | | <0.5 | mg/kg | 1.353 | <0.677 | mg/kg | <0.0000677 % | | <LOD |
| 8 | | nickel { nickel dihydroxide } | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | 16.2 | mg/kg | 1.579 | 25.588 | mg/kg | 0.00256 % | | |
| 9 | | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | | <1 | mg/kg | 1.405 | <1.405 | mg/kg | <0.000141 % | | <LOD |
| 10 | | zinc { zinc chromate } | 024-007-00-3 | 236-878-9 | 13530-65-9 | | 64.4 | mg/kg | 2.774 | 178.655 | mg/kg | 0.0179 % | | |
| 11 | | pH | | | PH | | 6.7 | pH | | 6.7 | pH | 6.7 pH | | |
| 12 | | TPH (C6 to C40) petroleum group | | | TPH | | <1 | mg/kg | | <1 | mg/kg | <0.0001 % | | <LOD |
| 13 | | acenaphthene | | 201-469-6 | 83-32-9 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 14 | | acenaphthylene | | 205-917-1 | 208-96-8 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 15 | | anthracene | | 204-371-1 | 120-12-7 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |

| # | | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 16 | | benzo[a]anthracene | | | | 0.2 | mg/kg | | 0.2 | mg/kg | 0.00002 % | | |
| | | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | | |
| 17 | | benzo[a]pyrene; benzo[def]chrysene | | | | 0.2 | mg/kg | | 0.2 | mg/kg | 0.00002 % | | |
| | | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | | |
| 18 | | benzo[b]fluoranthene | | | | 0.3 | mg/kg | | 0.3 | mg/kg | 0.00003 % | | |
| | | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | | |
| 19 | • | benzo[ghi]perylene | | | | 0.1 | mg/kg | | 0.1 | mg/kg | 0.00001 % | | |
| | | | 205-883-8 | 191-24-2 | | | | | | | | | |
| 20 | | benzo[k]fluoranthene | | | | 0.4 | mg/kg | | 0.4 | mg/kg | 0.00004 % | | |
| | | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | | |
| 21 | | chrysene | | | | 0.3 | mg/kg | | 0.3 | mg/kg | 0.00003 % | | |
| | | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | | |
| 22 | | dibenz[a,h]anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-041-00-2 | 200-181-8 | 53-70-3 | | | | | | | | | |
| 23 | • | fluoranthene | | | | 0.4 | mg/kg | | 0.4 | mg/kg | 0.00004 % | | |
| | | | 205-912-4 | 206-44-0 | | | | | | | | | |
| 24 | • | fluorene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 25 | • | indeno[123-cd]pyrene | | | | 0.2 | mg/kg | | 0.2 | mg/kg | 0.00002 % | | |
| | | | 205-893-2 | 193-39-5 | | | | | | | | | |
| 26 | | naphthalene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 27 | • | phenanthrene | | | | 0.2 | mg/kg | | 0.2 | mg/kg | 0.00002 % | | |
| | | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 28 | • | pyrene | | | | 0.4 | mg/kg | | 0.4 | mg/kg | 0.00004 % | | |
| | | | 204-927-3 | 129-00-0 | | | | | | | | | |
| | | | | | | | | | | Total: | 0.0341 % | | |

Key

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

## Classification of sample: CP06[2]

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

## Sample details

Sample name:
**CP06[2]**
Sample Depth:
**3.4 m**

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

## Hazard properties

None identified

## Determinands

Moisture content: 0% No Moisture Correction applied (MC)

| # | | Determinand | CLP index number | EC Number | CAS Number | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | | 5.6 | mg/kg | 1.32 | 7.394 | mg/kg | 0.000739 % | | |
| 2 | | boron { boron tribromide/trichloride/trifluoride (combined) } | | | 10294-33-4, 10294-34-5, 7637-07-2 | | <0.5 | mg/kg | 13.43 | <6.715 | mg/kg | <0.000672 % | | <LOD |
| 3 | | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 1 | <0.5 | mg/kg | 1.285 | <0.643 | mg/kg | <0.00005 % | | <LOD |
| 4 | | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | 215-160-9 | 1308-38-9 | | 14.2 | mg/kg | 1.462 | 20.754 | mg/kg | 0.00208 % | | |
| 5 | | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | | 10.4 | mg/kg | 1.126 | 11.709 | mg/kg | 0.00117 % | | |
| 6 | | lead { lead chromate } | 082-004-00-2 | 231-846-0 | 7758-97-6 | 1 | 9.4 | mg/kg | 1.56 | 14.662 | mg/kg | 0.00094 % | | |
| 7 | | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | | <0.5 | mg/kg | 1.353 | <0.677 | mg/kg | <0.0000677 % | | <LOD |
| 8 | | nickel { nickel dihydroxide } | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | 13.8 | mg/kg | 1.579 | 21.797 | mg/kg | 0.00218 % | | |
| 9 | | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | | <1 | mg/kg | 1.405 | <1.405 | mg/kg | <0.000141 % | | <LOD |
| 10 | | zinc { zinc chromate } | 024-007-00-3 | 236-878-9 | 13530-65-9 | | 24.4 | mg/kg | 2.774 | 67.689 | mg/kg | 0.00677 % | | |
| 11 | | pH | | | PH | | 8.5 | pH | | 8.5 | pH | 8.5 pH | | |
| 12 | | TPH (C6 to C40) petroleum group | | | TPH | | <1 | mg/kg | | <1 | mg/kg | <0.0001 % | | <LOD |
| 13 | | acenaphthene | | 201-469-6 | 83-32-9 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 14 | | acenaphthylene | | 205-917-1 | 208-96-8 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 15 | | anthracene | | 204-371-1 | 120-12-7 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |

| # | | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 16 | | benzo[a]anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | | |
| 17 | | benzo[a]pyrene; benzo[def]chrysene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | | |
| 18 | | benzo[b]fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | | |
| 19 | • | benzo[ghi]perylene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-883-8 | 191-24-2 | | | | | | | | | |
| 20 | | benzo[k]fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | | |
| 21 | | chrysene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | | |
| 22 | | dibenz[a,h]anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-041-00-2 | 200-181-8 | 53-70-3 | | | | | | | | | |
| 23 | • | fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-912-4 | 206-44-0 | | | | | | | | | |
| 24 | • | fluorene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 25 | • | indeno[123-cd]pyrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-893-2 | 193-39-5 | | | | | | | | | |
| 26 | | naphthalene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 27 | • | phenanthrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 28 | • | pyrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 204-927-3 | 129-00-0 | | | | | | | | | |
| | | | | | | | | | | Total: | 0.0151 % | | |

Key

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

## Classification of sample: WS01

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

## Sample details

Sample name:
**WS01**
Sample Depth:
**0.1 m**

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

## Hazard properties

None identified

## Determinands

Moisture content: 0% No Moisture Correction applied (MC)

| # | | Determinand | CLP index number | EC Number | CAS Number | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | | 39.8 | mg/kg | 1.32 | 52.549 | mg/kg | 0.00525 % | | |
| 2 | | boron { boron tribromide/trichloride/trifluoride (combined) } | | | 10294-33-4, 10294-34-5, 7637-07-2 | | 0.6 | mg/kg | 13.43 | 8.058 | mg/kg | 0.000806 % | | |
| 3 | | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 1 | <0.5 | mg/kg | 1.285 | <0.643 | mg/kg | <0.00005 % | | **<LOD** |
| 4 | | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | 215-160-9 | 1308-38-9 | | 33.3 | mg/kg | 1.462 | 48.67 | mg/kg | 0.00487 % | | |
| 5 | | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | | 31.5 | mg/kg | 1.126 | 35.465 | mg/kg | 0.00355 % | | |
| 6 | | lead { lead chromate } | 082-004-00-2 | 231-846-0 | 7758-97-6 | 1 | 58.8 | mg/kg | 1.56 | 91.717 | mg/kg | 0.00588 % | | |
| 7 | | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | | <0.5 | mg/kg | 1.353 | <0.677 | mg/kg | <0.0000677 % | | **<LOD** |
| 8 | | nickel { nickel dihydroxide } | 028-008-00-X | 235-008-5 [1]<br>234-348-1 [2] | 12054-48-7 [1]<br>11113-74-9 [2] | | 23.8 | mg/kg | 1.579 | 37.592 | mg/kg | 0.00376 % | | |
| 9 | | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | | <1 | mg/kg | 1.405 | <1.405 | mg/kg | <0.000141 % | | **<LOD** |
| 10 | | zinc { zinc chromate } | 024-007-00-3 | 236-878-9 | 13530-65-9 | | 93.1 | mg/kg | 2.774 | 258.273 | mg/kg | 0.0258 % | | |
| 11 | | pH | | | PH | | 6.7 | pH | | 6.7 | pH | 6.7 pH | | |
| 12 | | TPH (C6 to C40) petroleum group | | | TPH | | 2.2 | mg/kg | | 2.2 | mg/kg | 0.00022 % | | |
| 13 | | acenaphthene | | 201-469-6 | 83-32-9 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| 14 | | acenaphthylene | | 205-917-1 | 208-96-8 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| 15 | | anthracene | | 204-371-1 | 120-12-7 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |

| # | | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 16 | | benzo[a]anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | | |
| 17 | | benzo[a]pyrene; benzo[def]chrysene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | | |
| 18 | | benzo[b]fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | | |
| 19 | • | benzo[ghi]perylene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-883-8 | 191-24-2 | | | | | | | | | |
| 20 | | benzo[k]fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | | |
| 21 | | chrysene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | | |
| 22 | | dibenz[a,h]anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-041-00-2 | 200-181-8 | 53-70-3 | | | | | | | | | |
| 23 | • | fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-912-4 | 206-44-0 | | | | | | | | | |
| 24 | • | fluorene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 25 | • | indeno[123-cd]pyrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-893-2 | 193-39-5 | | | | | | | | | |
| 26 | | naphthalene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 27 | • | phenanthrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 28 | • | pyrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 204-927-3 | 129-00-0 | | | | | | | | | |
| | | | | | | | | | | Total: | 0.0506 % | | |

Key

| | |
|---|---|
| | User supplied data |
| | Determinand values ignored for classification, see column 'Conc. Not Used' for reason |
| • | Determinand defined or amended by HazWasteOnline (see Appendix A) |
| | Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| **<LOD** | Below limit of detection |
| **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 No liquid phase product was observed in the sample

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00022%)

## Classification of sample: WS02

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

## Sample details

Sample name:
**WS02**
Sample Depth:
**0.65 m**

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

## Hazard properties

None identified

## Determinands

Moisture content: 0% No Moisture Correction applied (MC)

| # | | Determinand | CLP index number | EC Number | CAS Number | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | | 12.2 | mg/kg | 1.32 | 16.108 | mg/kg | 0.00161 % | | |
| 2 | | boron { boron tribromide/trichloride/trifluoride (combined) } | | | 10294-33-4, 10294-34-5, 7637-07-2 | | <0.5 | mg/kg | 13.43 | <6.715 | mg/kg | <0.000672 % | | <LOD |
| 3 | | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 1 | <0.5 | mg/kg | 1.285 | <0.643 | mg/kg | <0.00005 % | | <LOD |
| 4 | | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | 215-160-9 | 1308-38-9 | | 43.9 | mg/kg | 1.462 | 64.162 | mg/kg | 0.00642 % | | |
| 5 | | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | | 18.4 | mg/kg | 1.126 | 20.716 | mg/kg | 0.00207 % | | |
| 6 | | lead { lead chromate } | 082-004-00-2 | 231-846-0 | 7758-97-6 | 1 | 14.5 | mg/kg | 1.56 | 22.617 | mg/kg | 0.00145 % | | |
| 7 | | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | | <0.5 | mg/kg | 1.353 | <0.677 | mg/kg | <0.0000677 % | | <LOD |
| 8 | | nickel { nickel dihydroxide } | 028-008-00-X | 235-008-5 [1]<br>234-348-1 [2] | 12054-48-7 [1]<br>11113-74-9 [2] | | 42.9 | mg/kg | 1.579 | 67.761 | mg/kg | 0.00678 % | | |
| 9 | | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | | <1 | mg/kg | 1.405 | <1.405 | mg/kg | <0.000141 % | | <LOD |
| 10 | | zinc { zinc chromate } | 024-007-00-3 | 236-878-9 | 13530-65-9 | | 51.3 | mg/kg | 2.774 | 142.314 | mg/kg | 0.0142 % | | |
| 11 | | pH | | | PH | | 7.1 | pH | | 7.1 | pH | 7.1 pH | | |
| 12 | | TPH (C6 to C40) petroleum group | | | TPH | | <1 | mg/kg | | <1 | mg/kg | <0.0001 % | | <LOD |
| 13 | | acenaphthene | | 201-469-6 | 83-32-9 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 14 | | acenaphthylene | | 205-917-1 | 208-96-8 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 15 | | anthracene | | 204-371-1 | 120-12-7 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |

| # | | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 16 | | benzo[a]anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | | |
| 17 | | benzo[a]pyrene; benzo[def]chrysene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | | |
| 18 | | benzo[b]fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | | |
| 19 | • | benzo[ghi]perylene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-883-8 | 191-24-2 | | | | | | | | | |
| 20 | | benzo[k]fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | | |
| 21 | | chrysene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | | |
| 22 | | dibenz[a,h]anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-041-00-2 | 200-181-8 | 53-70-3 | | | | | | | | | |
| 23 | • | fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-912-4 | 206-44-0 | | | | | | | | | |
| 24 | • | fluorene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 25 | • | indeno[123-cd]pyrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 205-893-2 | 193-39-5 | | | | | | | | | |
| 26 | | naphthalene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 27 | • | phenanthrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 28 | • | pyrene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 204-927-3 | 129-00-0 | | | | | | | | | |
| | | | | | | | | | | Total: | 0.0337 % | | |

Key

| | |
|---|---|
| | User supplied data |
| | Determinand values ignored for classification, see column 'Conc. Not Used' for reason |
| • | Determinand defined or amended by HazWasteOnline (see Appendix A) |
| | Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| **<LOD** | Below limit of detection |
| **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:
**WS03**
Sample Depth:
**0.1 m**

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

## Hazard properties

None identified

## Determinands

Moisture content: 0% No Moisture Correction applied (MC)

| # | | Determinand | CLP index number | EC Number | CAS Number | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | | 10.8 | mg/kg | 1.32 | 14.26 | mg/kg | 0.00143 % | | |
| 2 | | boron { boron tribromide/trichloride/trifluoride (combined) } | | | 10294-33-4, 10294-34-5, 7637-07-2 | | <0.5 | mg/kg | 13.43 | <6.715 | mg/kg | <0.000672 % | | <LOD |
| 3 | | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 1 | <0.5 | mg/kg | 1.285 | <0.643 | mg/kg | <0.00005 % | | <LOD |
| 4 | | chromium in chromium(III) compounds { chromium(III) oxide (worst case) } | | 215-160-9 | 1308-38-9 | | 35.8 | mg/kg | 1.462 | 52.324 | mg/kg | 0.00523 % | | |
| 5 | | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | | 24.4 | mg/kg | 1.126 | 27.472 | mg/kg | 0.00275 % | | |
| 6 | | lead { lead chromate } | 082-004-00-2 | 231-846-0 | 7758-97-6 | 1 | 38.6 | mg/kg | 1.56 | 60.209 | mg/kg | 0.00386 % | | |
| 7 | | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | | <0.5 | mg/kg | 1.353 | <0.677 | mg/kg | <0.0000677 % | | <LOD |
| 8 | | nickel { nickel dihydroxide } | 028-008-00-X | 235-008-5 [1]<br>234-348-1 [2] | 12054-48-7 [1]<br>11113-74-9 [2] | | 25 | mg/kg | 1.579 | 39.487 | mg/kg | 0.00395 % | | |
| 9 | | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | | <1 | mg/kg | 1.405 | <1.405 | mg/kg | <0.000141 % | | <LOD |
| 10 | | zinc { zinc chromate } | 024-007-00-3 | 236-878-9 | 13530-65-9 | | 69 | mg/kg | 2.774 | 191.416 | mg/kg | 0.0191 % | | |
| 11 | | pH | | | PH | | 6.4 | pH | | 6.4 | pH | 6.4 pH | | |
| 12 | | TPH (C6 to C40) petroleum group | | | TPH | | <1 | mg/kg | | <1 | mg/kg | <0.0001 % | | <LOD |
| 13 | | acenaphthene | | 201-469-6 | 83-32-9 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 14 | | acenaphthylene | | 205-917-1 | 208-96-8 | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 15 | | anthracene | | 204-371-1 | 120-12-7 | | 0.2 | mg/kg | | 0.2 | mg/kg | 0.00002 % | | |

| # | | 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]anthracene | | | | 0.6 | mg/kg | | 0.6 | mg/kg | 0.00006 % | | |
| | | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | | |
| 17 | | benzo[a]pyrene; benzo[def]chrysene | | | | 0.5 | mg/kg | | 0.5 | mg/kg | 0.00005 % | | |
| | | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | | |
| 18 | | benzo[b]fluoranthene | | | | 0.5 | mg/kg | | 0.5 | mg/kg | 0.00005 % | | |
| | | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | | |
| 19 | • | benzo[ghi]perylene | | | | 0.3 | mg/kg | | 0.3 | mg/kg | 0.00003 % | | |
| | | | 205-883-8 | 191-24-2 | | | | | | | | | |
| 20 | | benzo[k]fluoranthene | | | | 0.7 | mg/kg | | 0.7 | mg/kg | 0.00007 % | | |
| | | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | | |
| 21 | | chrysene | | | | 0.6 | mg/kg | | 0.6 | mg/kg | 0.00006 % | | |
| | | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | | |
| 22 | | dibenz[a,h]anthracene | | | | 0.1 | mg/kg | | 0.1 | mg/kg | 0.00001 % | | |
| | | 601-041-00-2 | 200-181-8 | 53-70-3 | | | | | | | | | |
| 23 | • | fluoranthene | | | | 1.1 | mg/kg | | 1.1 | mg/kg | 0.00011 % | | |
| | | | 205-912-4 | 206-44-0 | | | | | | | | | |
| 24 | • | fluorene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 25 | • | indeno[123-cd]pyrene | | | | 0.4 | mg/kg | | 0.4 | mg/kg | 0.00004 % | | |
| | | | 205-893-2 | 193-39-5 | | | | | | | | | |
| 26 | | naphthalene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | **<LOD** |
| | | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 27 | • | phenanthrene | | | | 0.7 | mg/kg | | 0.7 | mg/kg | 0.00007 % | | |
| | | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 28 | • | pyrene | | | | 1 | mg/kg | | 1 | mg/kg | 0.0001 % | | |
| | | | 204-927-3 | 129-00-0 | | | | | | | | | |
| | | | | | | | | | | Total: | 0.0381 % | | |

Key

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

## Appendix A: Classifier defined and non CLP determinands

- **boron tribromide/trichloride/trifluoride (combined)** (CAS Number: 10294-33-4, 10294-34-5, 7637-07-2)

Description/Comments: Combines the hazard statements and the average of the conversion factors for boron tribromide, boron trichloride and boron trifluoride
Data source: N/A
Data source date: 06 Aug 2015
Hazard Statements: EUH014 , Acute Tox. 2 H330 , Acute Tox. 2 H300 , Skin Corr. 1A H314 , Skin Corr. 1B H314

- **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

- **pH** (CAS Number: PH)

Description/Comments: Appendix C4
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

- **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

## Appendix B: Rationale for selection of metal species

**arsenic {arsenic trioxide}**

Worst case species based on hazard statements

**boron {boron tribromide/trichloride/trifluoride (combined)}**

Worst case species based on hazard statements

**cadmium {cadmium sulfide}**

Worst case species based on hazard statements

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

Worst case species based on hazard statements

**copper {dicopper oxide; copper (I) oxide}**

Most likely common species

**lead {lead chromate}**

Worst case species based on hazard statements

**mercury {mercury dichloride}**

Worst case species based on hazard statements

**nickel {nickel dihydroxide}**

Worst case species based on hazard statements

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

Worst case species based on hazard statements

**zinc {zinc chromate}**

Worst case species based on hazard statements

## Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2021.246.4869.9247 (05 Sep 2021)
HazWasteOnline Database: 2021.246.4869.9247 (05 Sep 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