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Key:
● Samples collected on site

Based on Figure 8 in Costa & Sauer (2005). The potential sources shown are indicative only.



APPENDIX F
CLAIRE Statistical Analysis

Test Results

Client/client ref:

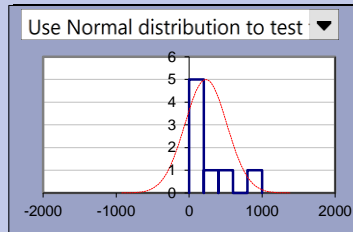
Site ref: GWPR2317

Date: 23-Nov-2017

Project ref: Kiln Place Sites, Can Data description: Chemical data from GWPR2317

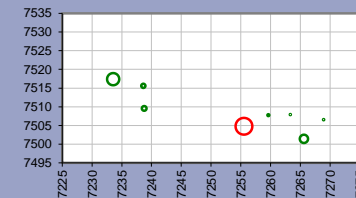
User details: Alice Tettmar

| | |
|------------------------------------|--------------|
| Datase | Lead (mg/kg) |
| Sample mean, \bar{x} (mg/kg) | 229.75 |
| Sample standard deviation, s | 287.53 |
| Sample size, n | 8 |
| Critical concentration, Cc (mg/kg) | 210 |



Outliers & non-detects

| | |
|--------------------|------------|
| Outliers present? | YES |
| Significance level | 5% |
| Outliers removed? | 0 |
| Non-detects | 0 |



Normality test

Significance level: 5%

Non-normal distribution

Use: Auto: Chebychev

Test scenario:

Planning: is true mean lower than critical concentration ($\mu < C_c$)?

Null hypothesis: The true mean concentration is equal to or greater than the critical concentration: $\mu \geq C_c$

Alternative hypothesis: The true mean concentration is less than the critical concentration: $\mu < C_c$

| | |
|--|------------|
| Evidence against Null hypothesis: | 0% |
| Base decision on: evidence level | 5% |
| Evidence level required: | 95% |
| Balance of probability? | N/A |
| Reject Null Hypothesis? | No |

$\mu \geq C_c$

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[Back to summary](#)

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[Go to normality test](#)

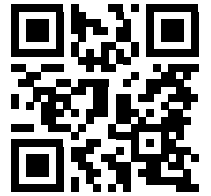
APPENDIX G
BRE Cover Systems Spreadsheet

| Contaminant | Site Data | | | | Expressed as a Factor of Target Guideline Value | | | | Cover Thickness Required for Compliance to Specified Target Guideline Value | |
|----------------------------|------------------------------|-----------------------------|--------------------------|--------------------------|---|----------------------------------|---------------------------------|----------------------------------|---|--------------------------|
| | Contamination of Ground (Cg) | Contamination of Cover (Cc) | Target Guideline Value 1 | Target Guideline Value 2 | Target Guideline Soil / Value 1 | Target Guideline Cover / Value 1 | Target Guideline Soil / Value 2 | Target Guideline Cover / Value 2 | Target Guideline Value 1 | Target Guideline Value 2 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Arsenic | | | 20 | 20 | No Cg | No Cc | No Cg | No Cc | No Cg | No Cg |
| Cadmium (Soil pH8) | | | 2 | 2 | No Cg | No Cc | No Cg | No Cc | No Cg | No Cg |
| Chromium | | | 130 | 130 | No Cg | No Cc | No Cg | No Cc | No Cg | No Cg |
| Chromium (VI) | | | | | | | | | | |
| Mercury | | | 8 | 8 | No Cg | No Cc | No Cg | No Cc | No Cg | No Cg |
| Selenium | | | 35 | 35 | No Cg | No Cc | No Cg | No Cc | No Cg | No Cg |
| Copper | | | 250 | 250 | No Cg | No Cc | No Cg | No Cc | No Cg | No Cg |
| Nickel | | | 50 | 50 | No Cg | No Cc | No Cg | No Cc | No Cg | No Cg |
| Zinc | | | 1000 | 1000 | No Cg | No Cc | No Cg | No Cc | No Cg | No Cg |
| Lead | 672 | 100 | 210 | 210 | 3.2 | 0.5 | 3.2 | 0.5 | 485 | 485 |
| Boron (Water sol) | | | 3 | 3 | No Cg | No Cc | No Cg | No Cc | No Cg | No Cg |
| Sulphate (total) | | | | | | | | | | |
| Phenols | | | | | | | | | | |
| Sulphide | | | | | | | | | | |
| Cyanide | | | | | | | | | | |
| Solvent Extractable Matter | | | | | | | | | | |
| Benzo(a)pyrene | | | 0.94 | 0.94 | No Cg | No Cc | No Cg | No Cc | No Cg | No Cg |
| Benzo(a)pyrene | | | 0.83 | 0.83 | No Cg | No Cc | No Cg | No Cc | No Cg | No Cg |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

| Summary | | |
|---|--------------------------|--------------------------|
| | Target Guideline Value 1 | Target Guideline Value 2 |
| Number of contaminants | 18 | 18 |
| Number of contaminants with no thickness calculation | 17 | 17 |
| Breakdown - Number for which no TV specified | 6 | 6 |
| Breakdown - Number for which no soil specified | 17 | 17 |
| Breakdown - Number for which no cover specified | 17 | 17 |
| Breakdown - Number for which cover > TV | 0 | 0 |
| Number of contaminants with thickness calculation | 1 | 1 |
| Breakdown - Number for which no cover required | 0 | 0 |
| Breakdown - Number for which cover required | 1 | 1 |
| Overall thickness of cover required | 485 | 0 |

APPENDIX H
Waste Hazard Assessment

Waste Classification Report



E4BMX-AEZBS-DQBHA

Job name

GWPR2111

Description/Comments

Project

GWPR2111

Site

Kiln Place Estate, Camden

Waste Stream Template

Ground and Water V2 PA

Classified by

Name:
Alice Tettmar
Date:
11/09/2017 14:38:27 UTC
Telephone:
0333 600 1221

Company:
Ground and Water
2 The Long Barn
Norton Farm, Selborne Road
Alton
GU34 3NB

Report


Created by: Alice Tettmar
Created date: 11/09/2017 14:38 UTC

Job summary

| # | Sample Name | Depth [m] | Classification Result | Hazard properties | Page |
|----|-------------|-----------|-----------------------|--------------------|------|
| 1 | BH1 | 0.8 | Hazardous | HP 7, HP 10, HP 14 | 2 |
| 2 | BH2 | 0.8 | Hazardous | HP 7, HP 14 | 5 |
| 3 | BH2[1] | 3.5 | Non Hazardous | | 8 |
| 4 | BH3 | 1.45 | Hazardous | HP 7, HP 10, HP 14 | 11 |
| 5 | BH3[1] | 1.9 | Hazardous | HP 7, HP 10, HP 14 | 14 |
| 6 | BH3[2] | 4.3 | Hazardous | HP 7, HP 14 | 17 |
| 7 | BH4 | 0.5 | Hazardous | HP 7, HP 14 | 20 |
| 8 | BH4[1] | 2.3 | Hazardous | HP 7, HP 10, HP 14 | 23 |
| 9 | BH4[2] | 4.5 | Non Hazardous | | 26 |
| 10 | TP3 | 0.2 | Non Hazardous | | 29 |

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| Appendix C: Version | 34 |

Classification of sample: BH1

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

Sample details

| | |
|---------------|---|
| Sample Name: | LoW Code: |
| BH1 | Chapter: |
| Sample Depth: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| 0.8 m | Entry: |
| | 17 05 03 * (Soil and stones containing hazardous substances) |

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead chromate: (Note 1 conc.: 1.37%)

HP 10: Toxic for reproduction "waste which has adverse effects on sexual function and fertility in adult males and females, as well as developmental toxicity in the offspring"

Hazard Statements hit:

Repr. 1A; H360Df "May damage the unborn child. Suspected of damaging fertility."

Because of determinand:

lead chromate: (Note 1 conc.: 1.37%)

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Risk phrases hit:

R50/53 "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinands:

lead chromate: (Note 1 conc.: 1.37%)

zinc oxide: (compound conc.: 0.573%)

Determinands

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

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|--|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | pH | | | | 8.2 pH | | 8.2 pH | 8.2 pH | | |
| 2 | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } | | | | <2 mg/kg | 1.884 | <3.768 mg/kg | <0.000377 % | | <LOD |
| | 006-007-00-5 | | | | | | | | | |
| 3 | arsenic { arsenic trioxide } | | | | 80 mg/kg | 1.32 | 105.626 mg/kg | 0.0106 % | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|---|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 4 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | | <1 | mg/kg | 13.43 | <13.43 | mg/kg | <0.00134 % | | <LOD |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | | | |
| 5 | cadmium { cadmium sulfide } | | | 1 | 4.8 | mg/kg | 1.285 | 6.169 | mg/kg | 0.00048 % | | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | | | |
| 6 | Chromium (III) Sulphate | | | | 95 | mg/kg | | 95 | mg/kg | 0.0095 % | | |
| | | | 10101-53-8 | | | | | | | | | |
| 7 | chromium { chromium(VI) oxide } | | | | <2 | mg/kg | 1.923 | <3.846 | mg/kg | <0.000385 % | | <LOD |
| | 024-001-00-0 | 215-607-8 | 1333-82-0 | | | | | | | | | |
| 8 | copper { dicopper oxide; copper (I) oxide } | | | | 312 | mg/kg | 1.126 | 351.277 | mg/kg | 0.0351 % | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | | | |
| 9 | lead { lead chromate } | | | 1 | 13700 | mg/kg | 1.56 | 21369.468 | mg/kg | 1.37 % | | |
| | 082-004-00-2 | 231-846-0 | 7758-97-6 | | | | | | | | | |
| 10 | mercury { mercury dichloride } | | | | 16.3 | mg/kg | 1.353 | 22.062 | mg/kg | 0.00221 % | | |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | | | |
| 11 | nickel { nickel dihydroxide } | | | | 47 | mg/kg | 1.579 | 74.236 | mg/kg | 0.00742 % | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | | | |
| 12 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | | | | <3 | mg/kg | 2.554 | <7.661 | mg/kg | <0.000766 % | | <LOD |
| | 034-002-00-8 | | | | | | | | | | | |
| 13 | vanadium { divanadium pentaoxide; vanadium pentoxide } | | | | 54 | mg/kg | 1.785 | 96.4 | mg/kg | 0.00964 % | | |
| | 023-001-00-8 | 215-239-8 | 1314-62-1 | | | | | | | | | |
| 14 | zinc { zinc oxide } | | | | 4600 | mg/kg | 1.245 | 5725.684 | mg/kg | 0.573 % | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | | |
| 15 | phenol | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 604-001-00-2 | 203-632-7 | 108-95-2 | | | | | | | | | |
| 16 | naphthalene | | | | 0.16 | mg/kg | | 0.16 | mg/kg | 0.000016 % | | |
| | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 17 | acenaphthylene | | | | 0.12 | mg/kg | | 0.12 | mg/kg | 0.000012 % | | |
| | | 205-917-1 | 208-96-8 | | | | | | | | | |
| 18 | acenaphthene | | | | 0.21 | mg/kg | | 0.21 | mg/kg | 0.000021 % | | |
| | | 201-469-6 | 83-32-9 | | | | | | | | | |
| 19 | fluorene | | | | 0.18 | mg/kg | | 0.18 | mg/kg | 0.000018 % | | |
| | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 20 | phenanthrene | | | | 4.67 | mg/kg | | 4.67 | mg/kg | 0.000467 % | | |
| | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 21 | anthracene | | | | 0.72 | mg/kg | | 0.72 | mg/kg | 0.000072 % | | |
| | | 204-371-1 | 120-12-7 | | | | | | | | | |
| 22 | fluoranthene | | | | 12.1 | mg/kg | | 12.1 | mg/kg | 0.00121 % | | |
| | | 205-912-4 | 206-44-0 | | | | | | | | | |
| 23 | pyrene | | | | 11.1 | mg/kg | | 11.1 | mg/kg | 0.00111 % | | |
| | | 204-927-3 | 129-00-0 | | | | | | | | | |
| 24 | benzo[a]anthracene | | | | 4.86 | mg/kg | | 4.86 | mg/kg | 0.000486 % | | |
| | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | | |
| 25 | chrysene | | | | 6.02 | mg/kg | | 6.02 | mg/kg | 0.000602 % | | |
| | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | | |
| 26 | benzo[b]fluoranthene | | | | 5.92 | mg/kg | | 5.92 | mg/kg | 0.000592 % | | |
| | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | | |
| 27 | benzo[k]fluoranthene | | | | 2.5 | mg/kg | | 2.5 | mg/kg | 0.00025 % | | |
| | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | | |
| 28 | benzo[a]pyrene; benzo[def]chrysene | | | | 3.91 | mg/kg | | 3.91 | mg/kg | 0.000391 % | | |
| | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | | |
| 29 | indeno[123-cd]pyrene | | | | 3.61 | mg/kg | | 3.61 | mg/kg | 0.000361 % | | |
| | | 205-893-2 | 193-39-5 | | | | | | | | | |
| 30 | dibenz[a,h]anthracene | | | | 0.41 | mg/kg | | 0.41 | mg/kg | 0.000041 % | | |
| | 601-041-00-2 | 200-181-8 | 53-70-3 | | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---------------|--|--------------|--|--|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 31 | benzo[ghi]perylene | 205-883-8 | 191-24-2 | | 3.16 mg/kg | | 3.16 mg/kg | 0.000316 % | | |
| 32 | benzene | 601-020-00-8 | 200-753-7 | 71-43-2 | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| 33 | toluene | 601-021-00-3 | 203-625-9 | 108-88-3 | <5 mg/kg | | <5 mg/kg | <0.0005 % | | <LOD |
| 34 | ethylbenzene | 601-023-00-4 | 202-849-4 | 100-41-4 | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| 35 | xylene | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4] | 95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4] | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| 36 | o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4] | 95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4] | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| 37 | diesel petroleum group | | 68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9 | | 415 mg/kg | | 415 mg/kg | 0.0415 % | | |
| 38 | TPH (C6 to C40) petroleum group | | TPH | | 415 mg/kg | | 415 mg/kg | 0.0415 % | | |
| Total: | | | | | | | | 2.111 % | | |


Key

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

Supplementary Hazardous Property Information

HP 3(i) on Flam. Liq. 1; H224, Flam. Liq. 2; H225, Flam. Liq. 3; H226: **Force this Hazardous property to non hazardous because Unlikely to be flammable**

Classification of sample: BH2

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

Sample details

| | | |
|---------------|-----------|---|
| Sample Name: | LoW Code: | |
| BH2 | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: | Entry: | 17 05 03 * (Soil and stones containing hazardous substances) |
| 0.8 m | | |

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead chromate: (Note 1 conc.: 0.205%)

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Risk phrases hit:

R50/53 "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinands:

dicopper oxide; copper (I) oxide: (compound conc.: 0.135%)

lead chromate: (Note 1 conc.: 0.205%)

zinc oxide: (compound conc.: 0.49%)

Determinands

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

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|--|-----------|---|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | pH | | PH | | 7.5 pH | | 7.5 pH | 7.5 pH | | |
| 2 | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } | | | | <2 mg/kg | 1.884 | <3.768 mg/kg | <0.000377 % | | <LOD |
| | 006-007-00-5 | | | | | | | | | |
| 3 | arsenic { arsenic trioxide } | | | | 35 mg/kg | 1.32 | 46.211 mg/kg | 0.00462 % | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |
| 4 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | | 1.3 mg/kg | 13.43 | 17.459 mg/kg | 0.00175 % | | |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | |
| 5 | cadmium { cadmium sulfide } | | | 1 | 6.8 mg/kg | 1.285 | 8.74 mg/kg | 0.00068 % | | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | |
| 6 | Chromium (III) Sulphate | | | | 28 mg/kg | | 28 mg/kg | 0.0028 % | | |
| | | | 10101-53-8 | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|----------------------------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 7 | chromium { chromium(VI) oxide } | | | | <2 | mg/kg | 1.923 | <3.846 | mg/kg | <0.000385 % | | <LOD |
| | 024-001-00-0 | 215-607-8 | 1333-82-0 | | | | | | | | | |
| 8 | copper { dicopper oxide; copper (I) oxide } | | | | 1200 | mg/kg | 1.126 | 1351.066 | mg/kg | 0.135 % | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | | | |
| 9 | lead { lead chromate } | | | 1 | 2050 | mg/kg | 1.56 | 3197.621 | mg/kg | 0.205 % | | |
| | 082-004-00-2 | 231-846-0 | 7758-97-6 | | | | | | | | | |
| 10 | mercury { mercury dichloride } | | | | 3.2 | mg/kg | 1.353 | 4.331 | mg/kg | 0.000433 % | | |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | | | |
| 11 | nickel { nickel dihydroxide } | | | | 149 | mg/kg | 1.579 | 235.345 | mg/kg | 0.0235 % | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | | | |
| 12 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | | | | <3 | mg/kg | 2.554 | <7.661 | mg/kg | <0.000766 % | | <LOD |
| | 034-002-00-8 | | | | | | | | | | | |
| 13 | vanadium { divanadium pentaoxide; vanadium pentoxide } | | | | 55 | mg/kg | 1.785 | 98.185 | mg/kg | 0.00982 % | | |
| | 023-001-00-8 | 215-239-8 | 1314-62-1 | | | | | | | | | |
| 14 | zinc { zinc oxide } | | | | 3940 | mg/kg | 1.245 | 4904.173 | mg/kg | 0.49 % | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | | |
| 15 | phenol | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 604-001-00-2 | 203-632-7 | 108-95-2 | | | | | | | | | |
| 16 | naphthalene | | | | 0.17 | mg/kg | | 0.17 | mg/kg | 0.000017 % | | |
| | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 17 | acenaphthylene | | | | 0.13 | mg/kg | | 0.13 | mg/kg | 0.000013 % | | |
| | | 205-917-1 | 208-96-8 | | | | | | | | | |
| 18 | acenaphthene | | | | 0.28 | mg/kg | | 0.28 | mg/kg | 0.000028 % | | |
| | | 201-469-6 | 83-32-9 | | | | | | | | | |
| 19 | fluorene | | | | 0.4 | mg/kg | | 0.4 | mg/kg | 0.00004 % | | |
| | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 20 | phenanthrene | | | | 7.94 | mg/kg | | 7.94 | mg/kg | 0.000794 % | | |
| | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 21 | anthracene | | | | 0.65 | mg/kg | | 0.65 | mg/kg | 0.000065 % | | |
| | | 204-371-1 | 120-12-7 | | | | | | | | | |
| 22 | fluoranthene | | | | 10.4 | mg/kg | | 10.4 | mg/kg | 0.00104 % | | |
| | | 205-912-4 | 206-44-0 | | | | | | | | | |
| 23 | pyrene | | | | 8.86 | mg/kg | | 8.86 | mg/kg | 0.000886 % | | |
| | | 204-927-3 | 129-00-0 | | | | | | | | | |
| 24 | benzo[a]anthracene | | | | 3.62 | mg/kg | | 3.62 | mg/kg | 0.000362 % | | |
| | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | | |
| 25 | chrysene | | | | 4.56 | mg/kg | | 4.56 | mg/kg | 0.000456 % | | |
| | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | | |
| 26 | benzo[b]fluoranthene | | | | 5.25 | mg/kg | | 5.25 | mg/kg | 0.000525 % | | |
| | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | | |
| 27 | benzo[k]fluoranthene | | | | 1.86 | mg/kg | | 1.86 | mg/kg | 0.000186 % | | |
| | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | | |
| 28 | benzo[a]pyrene; benzo[def]chrysene | | | | 3.75 | mg/kg | | 3.75 | mg/kg | 0.000375 % | | |
| | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | | |
| 29 | indeno[123-cd]pyrene | | | | 2.25 | mg/kg | | 2.25 | mg/kg | 0.000225 % | | |
| | | 205-893-2 | 193-39-5 | | | | | | | | | |
| 30 | dibenz[a,h]anthracene | | | | 0.31 | mg/kg | | 0.31 | mg/kg | 0.000031 % | | |
| | 601-041-00-2 | 200-181-8 | 53-70-3 | | | | | | | | | |
| 31 | benzo[ghi]perylene | | | | 1.97 | mg/kg | | 1.97 | mg/kg | 0.000197 % | | |
| | | 205-883-8 | 191-24-2 | | | | | | | | | |
| 32 | benzene | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 601-020-00-8 | 200-753-7 | 71-43-2 | | | | | | | | | |
| 33 | toluene | | | | <5 | mg/kg | | <5 | mg/kg | <0.0005 % | | <LOD |
| | 601-021-00-3 | 203-625-9 | 108-88-3 | | | | | | | | | |
| 34 | ethylbenzene | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 601-023-00-4 | 202-849-4 | 100-41-4 | | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|---------------|---|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 35 | xylene | | | | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| | 601-022-00-9 | 202-422-2 [1] | 95-47-6 [1] | | | | | | | |
| | | 203-396-5 [2] | 106-42-3 [2] | | | | | | | |
| | | 203-576-3 [3] | 108-38-3 [3] | | | | | | | |
| | | 215-535-7 [4] | 1330-20-7 [4] | | | | | | | |
| 36 | o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] | | | | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| | 601-022-00-9 | 202-422-2 [1] | 95-47-6 [1] | | | | | | | |
| | | 203-396-5 [2] | 106-42-3 [2] | | | | | | | |
| | | 203-576-3 [3] | 108-38-3 [3] | | | | | | | |
| | | 215-535-7 [4] | 1330-20-7 [4] | | | | | | | |
| 37 | diesel petroleum group | | | | 219 mg/kg | | 219 mg/kg | 0.0219 % | | |
| | | | 68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9 | | | | | | | |
| 38 | TPH (C6 to C40) petroleum group | | | | 219 mg/kg | | 219 mg/kg | 0.0219 % | | |
| | | | TPH | | | | | | | |
| Total: | | | | | | | | 0.926 % | | |

Key

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

Supplementary Hazardous Property Information

HP 3(i) on Flam. Liq. 1; H224, Flam. Liq. 2; H225, Flam. Liq. 3; H226: **Force this Hazardous property to non hazardous because Unlikely to be flammable**

Classification of sample: BH2[1]

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

Sample details

| | | |
|---------------|-----------|---|
| Sample Name: | LoW Code: | |
| BH2[1] | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| 3.5 m | | |

Hazard properties

None identified

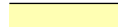




Determinands

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


| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|---|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | pH | | PH | | 7.9 pH | | 7.9 pH | 7.9 pH | | |
| 2 | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } | | | | <2 mg/kg | 1.884 | <3.768 mg/kg | <0.000377 % | | <LOD |
| | 006-007-00-5 | | | | | | | | | |
| 3 | arsenic { arsenic trioxide } | | | | 15 mg/kg | 1.32 | 19.805 mg/kg | 0.00198 % | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |
| 4 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | | <1 mg/kg | 13.43 | <13.43 mg/kg | <0.00134 % | | <LOD |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | |
| 5 | cadmium { cadmium sulfide } | | | 1 | 0.2 mg/kg | 1.285 | 0.257 mg/kg | 0.00002 % | | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | |
| 6 | Chromium (III) Sulphate | | | | 24 mg/kg | | 24 mg/kg | 0.0024 % | | |
| | | | 10101-53-8 | | | | | | | |
| 7 | chromium { chromium(VI) oxide } | | | | <2 mg/kg | 1.923 | <3.846 mg/kg | <0.000385 % | | <LOD |
| | 024-001-00-0 | 215-607-8 | 1333-82-0 | | | | | | | |
| 8 | copper { dicopper oxide; copper (I) oxide } | | | | 67 mg/kg | 1.126 | 75.435 mg/kg | 0.00754 % | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | |
| 9 | lead { lead chromate } | | | 1 | 276 mg/kg | 1.56 | 430.509 mg/kg | 0.0276 % | | |
| | 082-004-00-2 | 231-846-0 | 7758-97-6 | | | | | | | |
| 10 | mercury { mercury dichloride } | | | | <1 mg/kg | 1.353 | <1.353 mg/kg | <0.000135 % | | <LOD |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | |
| 11 | nickel { nickel dihydroxide } | | | | 20 mg/kg | 1.579 | 31.59 mg/kg | 0.00316 % | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | |
| 12 | selenium { selenium compounds with the exception of cadmium selenosulfide and those specified elsewhere in this Annex } | | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| | 034-002-00-8 | | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|--------|--|--|--|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 13 | vanadium { divanadium pentaoxide; vanadium pentoxide } | | | | 61 | mg/kg | 1.785 | 108.896 | mg/kg | 0.0109 % | | |
| | 023-001-00-8 | 215-239-8 | 1314-62-1 | | | | | | | | | |
| 14 | zinc { zinc oxide } | | | | 232 | mg/kg | 1.245 | 288.774 | mg/kg | 0.0289 % | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | | |
| 15 | phenol | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 604-001-00-2 | 203-632-7 | 108-95-2 | | | | | | | | | |
| 16 | naphthalene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 17 | acenaphthylene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | | 205-917-1 | 208-96-8 | | | | | | | | | |
| 18 | acenaphthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | | 201-469-6 | 83-32-9 | | | | | | | | | |
| 19 | fluorene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 20 | phenanthrene | | | | 1.1 | mg/kg | | 1.1 | mg/kg | 0.00011 % | | |
| | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 21 | anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | | 204-371-1 | 120-12-7 | | | | | | | | | |
| 22 | fluoranthene | | | | 1.12 | mg/kg | | 1.12 | mg/kg | 0.000112 % | | |
| | | 205-912-4 | 206-44-0 | | | | | | | | | |
| 23 | pyrene | | | | 0.95 | mg/kg | | 0.95 | mg/kg | 0.000095 % | | |
| | | 204-927-3 | 129-00-0 | | | | | | | | | |
| 24 | benzo[a]anthracene | | | | 0.33 | mg/kg | | 0.33 | mg/kg | 0.000033 % | | |
| | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | | |
| 25 | chrysene | | | | 0.44 | mg/kg | | 0.44 | mg/kg | 0.000044 % | | |
| | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | | |
| 26 | benzo[b]fluoranthene | | | | 0.51 | mg/kg | | 0.51 | mg/kg | 0.000051 % | | |
| | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | | |
| 27 | benzo[k]fluoranthene | | | | 0.19 | mg/kg | | 0.19 | mg/kg | 0.000019 % | | |
| | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | | |
| 28 | benzo[a]pyrene; benzo[def]chrysene | | | | 0.31 | mg/kg | | 0.31 | mg/kg | 0.000031 % | | |
| | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | | |
| 29 | indeno[123-cd]pyrene | | | | 0.2 | mg/kg | | 0.2 | mg/kg | 0.00002 % | | |
| | | 205-893-2 | 193-39-5 | | | | | | | | | |
| 30 | 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 | | | | | | | | | |
| 31 | benzo[ghi]perylene | | | | 0.19 | mg/kg | | 0.19 | mg/kg | 0.000019 % | | |
| | | 205-883-8 | 191-24-2 | | | | | | | | | |
| 32 | benzene | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 601-020-00-8 | 200-753-7 | 71-43-2 | | | | | | | | | |
| 33 | toluene | | | | <5 | mg/kg | | <5 | mg/kg | <0.0005 % | | <LOD |
| | 601-021-00-3 | 203-625-9 | 108-88-3 | | | | | | | | | |
| 34 | ethylbenzene | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 601-023-00-4 | 202-849-4 | 100-41-4 | | | | | | | | | |
| 35 | xylene | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4] | 95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4] | | | | | | | | | |
| 36 | o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4] | 95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4] | | | | | | | | | |
| 37 | diesel petroleum group | | | | <42 | mg/kg | | <42 | mg/kg | <0.0042 % | | <LOD |
| | | | 68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9 | | | | | | | | | |
| 38 | TPH (C6 to C40) petroleum group | | | | <42 | mg/kg | | <42 | mg/kg | <0.0042 % | | <LOD |
| | | | TPH | | | | | | | | | |
| Total: | | | | | | | | | | 0.096 % | | |

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) |
|  | Determinand defined by classifier (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: BH3

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

Sample details

| | | |
|---------------|-----------|---|
| Sample Name: | LoW Code: | |
| BH3 | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: | Entry: | 17 05 03 * (Soil and stones containing hazardous substances) |
| 1.45 m | | |

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead chromate: (Note 1 conc.: 0.304%)

HP 10: Toxic for reproduction "waste which has adverse effects on sexual function and fertility in adult males and females, as well as developmental toxicity in the offspring"

Hazard Statements hit:

Repr. 1A; H360Df "May damage the unborn child. Suspected of damaging fertility."

Because of determinand:

lead chromate: (Note 1 conc.: 0.304%)

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Risk phrases hit:

R50/53 "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinands:

lead chromate: (Note 1 conc.: 0.304%)

zinc oxide: (compound conc.: 0.337%)

Determinands

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

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|--|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | pH | | | | 8.1 pH | | 8.1 pH | 8.1 pH | | |
| 2 | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } | | | | <2 mg/kg | 1.884 | <3.768 mg/kg | <0.000377 % | | <LOD |
| | 006-007-00-5 | | | | | | | | | |
| 3 | arsenic { arsenic trioxide } | | | | 31 mg/kg | 1.32 | 40.93 mg/kg | 0.00409 % | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |


| # | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|-----------------------------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 4 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | | <1 | mg/kg | 13.43 | <13.43 | mg/kg | <0.00134 % | | <LOD |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | | | |
| 5 | cadmium { cadmium sulfide } | | | 1 | 1.1 | mg/kg | 1.285 | 1.414 | mg/kg | 0.00011 % | | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | | | |
| 6 | Chromium (III) Sulphate | | | | 23 | mg/kg | | 23 | mg/kg | 0.0023 % | | |
| | | | 10101-53-8 | | | | | | | | | |
| 7 | chromium { chromium(VI) oxide } | | | | <2 | mg/kg | 1.923 | <3.846 | mg/kg | <0.000385 % | | <LOD |
| | 024-001-00-0 | 215-607-8 | 1333-82-0 | | | | | | | | | |
| 8 | copper { dicopper oxide; copper (I) oxide } | | | | 111 | mg/kg | 1.126 | 124.974 | mg/kg | 0.0125 % | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | | | |
| 9 | lead { lead chromate } | | | 1 | 3040 | mg/kg | 1.56 | 4741.838 | mg/kg | 0.304 % | | |
| | 082-004-00-2 | 231-846-0 | 7758-97-6 | | | | | | | | | |
| 10 | mercury { mercury dichloride } | | | | 1 | mg/kg | 1.353 | 1.353 | mg/kg | 0.000135 % | | |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | | | |
| 11 | nickel { nickel dihydroxide } | | | | 19 | mg/kg | 1.579 | 30.01 | mg/kg | 0.003 % | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | | | |
| 12 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | | | | <3 | mg/kg | 2.554 | <7.661 | mg/kg | <0.000766 % | | <LOD |
| | 034-002-00-8 | | | | | | | | | | | |
| 13 | vanadium { divanadium pentaoxide; vanadium pentoxide } | | | | 52 | mg/kg | 1.785 | 92.83 | mg/kg | 0.00928 % | | |
| | 023-001-00-8 | 215-239-8 | 1314-62-1 | | | | | | | | | |
| 14 | zinc { zinc oxide } | | | | 2710 | mg/kg | 1.245 | 3373.175 | mg/kg | 0.337 % | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | | |
| 15 | phenol | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 604-001-00-2 | 203-632-7 | 108-95-2 | | | | | | | | | |
| 16 | naphthalene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 17 | acenaphthylene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | | 205-917-1 | 208-96-8 | | | | | | | | | |
| 18 | acenaphthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | | 201-469-6 | 83-32-9 | | | | | | | | | |
| 19 | fluorene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 20 | phenanthrene | | | | 0.27 | mg/kg | | 0.27 | mg/kg | 0.000027 % | | |
| | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 21 | anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | | 204-371-1 | 120-12-7 | | | | | | | | | |
| 22 | fluoranthene | | | | 0.48 | mg/kg | | 0.48 | mg/kg | 0.000048 % | | |
| | | 205-912-4 | 206-44-0 | | | | | | | | | |
| 23 | pyrene | | | | 0.43 | mg/kg | | 0.43 | mg/kg | 0.000043 % | | |
| | | 204-927-3 | 129-00-0 | | | | | | | | | |
| 24 | benzo[a]anthracene | | | | 0.23 | mg/kg | | 0.23 | mg/kg | 0.000023 % | | |
| | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | | |
| 25 | chrysene | | | | 0.24 | mg/kg | | 0.24 | mg/kg | 0.000024 % | | |
| | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | | |
| 26 | benzo[b]fluoranthene | | | | 0.37 | mg/kg | | 0.37 | mg/kg | 0.000037 % | | |
| | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | | |
| 27 | benzo[k]fluoranthene | | | | 0.13 | mg/kg | | 0.13 | mg/kg | 0.000013 % | | |
| | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | | |
| 28 | benzo[a]pyrene; benzo[def]chrysene | | | | 0.26 | mg/kg | | 0.26 | mg/kg | 0.000026 % | | |
| | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | | |
| 29 | indeno[123-cd]pyrene | | | | 0.21 | mg/kg | | 0.21 | mg/kg | 0.000021 % | | |
| | | 205-893-2 | 193-39-5 | | | | | | | | | |
| 30 | 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 | | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--|--|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 31 | benzo[ghi]perylene | | | | 0.26 mg/kg | | 0.26 mg/kg | 0.000026 % | | |
| | | 205-883-8 | 191-24-2 | | | | | | | |
| 32 | benzene | | | | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| | 601-020-00-8 | 200-753-7 | 71-43-2 | | | | | | | |
| 33 | toluene | | | | <5 mg/kg | | <5 mg/kg | <0.0005 % | | <LOD |
| | 601-021-00-3 | 203-625-9 | 108-88-3 | | | | | | | |
| 34 | ethylbenzene | | | | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| | 601-023-00-4 | 202-849-4 | 100-41-4 | | | | | | | |
| 35 | xylene | | | | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4] | 95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4] | | | | | | | |
| 36 | o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] | | | | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4] | 95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4] | | | | | | | |
| 37 | diesel petroleum group | | | | <42 mg/kg | | <42 mg/kg | <0.0042 % | | <LOD |
| | | | 68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9 | | | | | | | |
| 38 | TPH (C6 to C40) petroleum group | | | | <42 mg/kg | | <42 mg/kg | <0.0042 % | | <LOD |
| | | | TPH | | | | | | | |
| Total: | | | | | | | | 0.686 % | | |

Key

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

Classification of sample: BH3[1]

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

Sample details

| | |
|---------------|---|
| Sample Name: | LoW Code: |
| BH3[1] | Chapter: |
| Sample Depth: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| 1.9 m | Entry: |
| | 17 05 03 * (Soil and stones containing hazardous substances) |

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead chromate: (Note 1 conc.: 0.67%)

HP 10: Toxic for reproduction "waste which has adverse effects on sexual function and fertility in adult males and females, as well as developmental toxicity in the offspring"

Hazard Statements hit:

Repr. 1A; H360Df "May damage the unborn child. Suspected of damaging fertility."

Because of determinand:

lead chromate: (Note 1 conc.: 0.67%)

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Risk phrases hit:

R50/53 "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinands:

lead chromate: (Note 1 conc.: 0.67%)

zinc oxide: (compound conc.: 0.456%)

Determinands

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

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|--|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | pH | | | | 7.8 pH | | 7.8 pH | 7.8 pH | | |
| 2 | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } | | | | <2 mg/kg | 1.884 | <3.768 mg/kg | <0.000377 % | | <LOD |
| | 006-007-00-5 | | | | | | | | | |
| 3 | arsenic { arsenic trioxide } | | | | 108 mg/kg | 1.32 | 142.595 mg/kg | 0.0143 % | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|---|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 4 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | | 2.4 | mg/kg | 13.43 | 32.232 | mg/kg | 0.00322 % | | |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | | | |
| 5 | cadmium { cadmium sulfide } | | | 1 | 5.4 | mg/kg | 1.285 | 6.94 | mg/kg | 0.00054 % | | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | | | |
| 6 | Chromium (III) Sulphate | | | | 53 | mg/kg | | 53 | mg/kg | 0.0053 % | | |
| | | | 10101-53-8 | | | | | | | | | |
| 7 | chromium { chromium(VI) oxide } | | | | <2 | mg/kg | 1.923 | <3.846 | mg/kg | <0.000385 % | | <LOD |
| | 024-001-00-0 | 215-607-8 | 1333-82-0 | | | | | | | | | |
| 8 | copper { dicopper oxide; copper (I) oxide } | | | | 315 | mg/kg | 1.126 | 354.655 | mg/kg | 0.0355 % | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | | | |
| 9 | lead { lead chromate } | | | 1 | 6700 | mg/kg | 1.56 | 10450.762 | mg/kg | 0.67 % | | |
| | 082-004-00-2 | 231-846-0 | 7758-97-6 | | | | | | | | | |
| 10 | mercury { mercury dichloride } | | | | 6.6 | mg/kg | 1.353 | 8.933 | mg/kg | 0.000893 % | | |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | | | |
| 11 | nickel { nickel dihydroxide } | | | | 80 | mg/kg | 1.579 | 126.36 | mg/kg | 0.0126 % | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | | | |
| 12 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | | | | <3 | mg/kg | 2.554 | <7.661 | mg/kg | <0.000766 % | | <LOD |
| | 034-002-00-8 | | | | | | | | | | | |
| 13 | vanadium { divanadium pentaoxide; vanadium pentoxide } | | | | 54 | mg/kg | 1.785 | 96.4 | mg/kg | 0.00964 % | | |
| | 023-001-00-8 | 215-239-8 | 1314-62-1 | | | | | | | | | |
| 14 | zinc { zinc oxide } | | | | 3660 | mg/kg | 1.245 | 4555.653 | mg/kg | 0.456 % | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | | |
| 15 | phenol | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 604-001-00-2 | 203-632-7 | 108-95-2 | | | | | | | | | |
| 16 | naphthalene | | | | 0.28 | mg/kg | | 0.28 | mg/kg | 0.000028 % | | |
| | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 17 | acenaphthylene | | | | 0.22 | mg/kg | | 0.22 | mg/kg | 0.000022 % | | |
| | | 205-917-1 | 208-96-8 | | | | | | | | | |
| 18 | acenaphthene | | | | 1.35 | mg/kg | | 1.35 | mg/kg | 0.000135 % | | |
| | | 201-469-6 | 83-32-9 | | | | | | | | | |
| 19 | fluorene | | | | 0.64 | mg/kg | | 0.64 | mg/kg | 0.000064 % | | |
| | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 20 | phenanthrene | | | | 10.7 | mg/kg | | 10.7 | mg/kg | 0.00107 % | | |
| | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 21 | anthracene | | | | 1.98 | mg/kg | | 1.98 | mg/kg | 0.000198 % | | |
| | | 204-371-1 | 120-12-7 | | | | | | | | | |
| 22 | fluoranthene | | | | 24.4 | mg/kg | | 24.4 | mg/kg | 0.00244 % | | |
| | | 205-912-4 | 206-44-0 | | | | | | | | | |
| 23 | pyrene | | | | 20.6 | mg/kg | | 20.6 | mg/kg | 0.00206 % | | |
| | | 204-927-3 | 129-00-0 | | | | | | | | | |
| 24 | benzo[a]anthracene | | | | 8.68 | mg/kg | | 8.68 | mg/kg | 0.000868 % | | |
| | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | | |
| 25 | chrysene | | | | 11.2 | mg/kg | | 11.2 | mg/kg | 0.00112 % | | |
| | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | | |
| 26 | benzo[b]fluoranthene | | | | 9.55 | mg/kg | | 9.55 | mg/kg | 0.000955 % | | |
| | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | | |
| 27 | benzo[k]fluoranthene | | | | 3.8 | mg/kg | | 3.8 | mg/kg | 0.00038 % | | |
| | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | | |
| 28 | benzo[a]pyrene; benzo[def]chrysene | | | | 6.09 | mg/kg | | 6.09 | mg/kg | 0.000609 % | | |
| | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | | |
| 29 | indeno[123-cd]pyrene | | | | 4.04 | mg/kg | | 4.04 | mg/kg | 0.000404 % | | |
| | | 205-893-2 | 193-39-5 | | | | | | | | | |
| 30 | dibenz[a,h]anthracene | | | | 0.6 | mg/kg | | 0.6 | mg/kg | 0.00006 % | | |
| | 601-041-00-2 | 200-181-8 | 53-70-3 | | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---------------|--|--|--|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 31 | benzo[ghi]perylene | | | | 3.31 mg/kg | | 3.31 mg/kg | 0.000331 % | | |
| | | 205-883-8 | 191-24-2 | | | | | | | |
| 32 | benzene | | | | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| | 601-020-00-8 | 200-753-7 | 71-43-2 | | | | | | | |
| 33 | toluene | | | | <5 mg/kg | | <5 mg/kg | <0.0005 % | | <LOD |
| | 601-021-00-3 | 203-625-9 | 108-88-3 | | | | | | | |
| 34 | ethylbenzene | | | | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| | 601-023-00-4 | 202-849-4 | 100-41-4 | | | | | | | |
| 35 | xylene | | | | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4] | 95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4] | | | | | | | |
| 36 | o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] | | | | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4] | 95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4] | | | | | | | |
| 37 | diesel petroleum group | | | | 377 mg/kg | | 377 mg/kg | 0.0377 % | | |
| | | | 68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9 | | | | | | | |
| 38 | TPH (C6 to C40) petroleum group | | | | 377 mg/kg | | 377 mg/kg | 0.0377 % | | |
| | | | TPH | | | | | | | |
| Total: | | | | | | | | 1.297 % | | |


Key

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

Supplementary Hazardous Property Information

HP 3(i) on Flam. Liq. 1; H224, Flam. Liq. 2; H225, Flam. Liq. 3; H226: **Force this Hazardous property to non hazardous because Unlikely to be flammable**

Classification of sample: BH3[2]



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

Sample details

| | | |
|---------------|-----------|---|
| Sample Name: | LoW Code: | |
| BH3[2] | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: | Entry: | 17 05 03 * (Soil and stones containing hazardous substances) |
| 4.3 m | | |

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead chromate: (Note 1 conc.: 0.146%)

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Risk phrases hit:

R50/53 "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinands:

lead chromate: (Note 1 conc.: 0.146%)

zinc oxide: (compound conc.: 0.128%)

Determinands

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

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|--|-----------|---|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | pH | | PH | | 8 pH | | 8 pH | 8pH | | |
| 2 | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } | | | | <2 mg/kg | 1.884 | <3.768 mg/kg | <0.000377 % | | <LOD |
| | 006-007-00-5 | | | | | | | | | |
| 3 | arsenic { arsenic trioxide } | | | | 21 mg/kg | 1.32 | 27.727 mg/kg | 0.00277 % | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |
| 4 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | | 3.7 mg/kg | 13.43 | 49.691 mg/kg | 0.00497 % | | |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | |
| 5 | cadmium { cadmium sulfide } | | | 1 | 1.5 mg/kg | 1.285 | 1.928 mg/kg | 0.00015 % | | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | |
| 6 | Chromium (III) Sulphate | | | | 30 mg/kg | | 30 mg/kg | 0.003 % | | |
| | | | 10101-53-8 | | | | | | | |
| 7 | chromium { chromium(VI) oxide } | | | | <2 mg/kg | 1.923 | <3.846 mg/kg | <0.000385 % | | <LOD |
| | 024-001-00-0 | 215-607-8 | 1333-82-0 | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|----------------------------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 8 | copper { dicopper oxide; copper (I) oxide } | | | | 71 | mg/kg | 1.126 | 79.938 | mg/kg | 0.00799 % | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | | | |
| 9 | lead { lead chromate } | | | 1 | 1460 | mg/kg | 1.56 | 2277.33 | mg/kg | 0.146 % | | |
| | 082-004-00-2 | 231-846-0 | 7758-97-6 | | | | | | | | | |
| 10 | mercury { mercury dichloride } | | | | 1.8 | mg/kg | 1.353 | 2.436 | mg/kg | 0.000244 % | | |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | | | |
| 11 | nickel { nickel dihydroxide } | | | | 24 | mg/kg | 1.579 | 37.908 | mg/kg | 0.00379 % | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | | | |
| 12 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | | | | <3 | mg/kg | 2.554 | <7.661 | mg/kg | <0.000766 % | | <LOD |
| | 034-002-00-8 | | | | | | | | | | | |
| 13 | vanadium { divanadium pentaoxide; vanadium pentoxide } | | | | 48 | mg/kg | 1.785 | 85.689 | mg/kg | 0.00857 % | | |
| | 023-001-00-8 | 215-239-8 | 1314-62-1 | | | | | | | | | |
| 14 | zinc { zinc oxide } | | | | 1030 | mg/kg | 1.245 | 1282.055 | mg/kg | 0.128 % | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | | |
| 15 | phenol | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 604-001-00-2 | 203-632-7 | 108-95-2 | | | | | | | | | |
| 16 | naphthalene | | | | 2.69 | mg/kg | | 2.69 | mg/kg | 0.000269 % | | |
| | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 17 | acenaphthylene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | | 205-917-1 | 208-96-8 | | | | | | | | | |
| 18 | acenaphthene | | | | 2.45 | mg/kg | | 2.45 | mg/kg | 0.000245 % | | |
| | | 201-469-6 | 83-32-9 | | | | | | | | | |
| 19 | fluorene | | | | 1.93 | mg/kg | | 1.93 | mg/kg | 0.000193 % | | |
| | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 20 | phenanthrene | | | | 11.8 | mg/kg | | 11.8 | mg/kg | 0.00118 % | | |
| | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 21 | anthracene | | | | 1.43 | mg/kg | | 1.43 | mg/kg | 0.000143 % | | |
| | | 204-371-1 | 120-12-7 | | | | | | | | | |
| 22 | fluoranthene | | | | 11.6 | mg/kg | | 11.6 | mg/kg | 0.00116 % | | |
| | | 205-912-4 | 206-44-0 | | | | | | | | | |
| 23 | pyrene | | | | 9 | mg/kg | | 9 | mg/kg | 0.0009 % | | |
| | | 204-927-3 | 129-00-0 | | | | | | | | | |
| 24 | benzo[a]anthracene | | | | 3.55 | mg/kg | | 3.55 | mg/kg | 0.000355 % | | |
| | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | | |
| 25 | chrysene | | | | 3.36 | mg/kg | | 3.36 | mg/kg | 0.000336 % | | |
| | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | | |
| 26 | benzo[b]fluoranthene | | | | 3.05 | mg/kg | | 3.05 | mg/kg | 0.000305 % | | |
| | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | | |
| 27 | benzo[k]fluoranthene | | | | 1.18 | mg/kg | | 1.18 | mg/kg | 0.000118 % | | |
| | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | | |
| 28 | benzo[a]pyrene; benzo[def]chrysene | | | | 2.37 | mg/kg | | 2.37 | mg/kg | 0.000237 % | | |
| | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | | |
| 29 | indeno[123-cd]pyrene | | | | 1.09 | mg/kg | | 1.09 | mg/kg | 0.000109 % | | |
| | | 205-893-2 | 193-39-5 | | | | | | | | | |
| 30 | dibenz[a,h]anthracene | | | | 0.17 | mg/kg | | 0.17 | mg/kg | 0.000017 % | | |
| | 601-041-00-2 | 200-181-8 | 53-70-3 | | | | | | | | | |
| 31 | benzo[ghi]perylene | | | | 0.9 | mg/kg | | 0.9 | mg/kg | 0.00009 % | | |
| | | 205-883-8 | 191-24-2 | | | | | | | | | |
| 32 | benzene | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 601-020-00-8 | 200-753-7 | 71-43-2 | | | | | | | | | |
| 33 | toluene | | | | <5 | mg/kg | | <5 | mg/kg | <0.0005 % | | <LOD |
| | 601-021-00-3 | 203-625-9 | 108-88-3 | | | | | | | | | |
| 34 | ethylbenzene | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 601-023-00-4 | 202-849-4 | 100-41-4 | | | | | | | | | |
| 35 | xylene | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] | 95-47-6 [1] 106-42-3 [2] | | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|---|--|--|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| | | 203-576-3 [3] 215-535-7 [4] | 108-38-3 [3] 1330-20-7 [4] | | | | | | | |
| 36 | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4] | 95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4] | | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| 37 | <ul style="list-style-type: none"> diesel petroleum group | | 68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9 | | 106 mg/kg | | 106 mg/kg | 0.0106 % | | |
| 38 | <ul style="list-style-type: none"> TPH (C6 to C40) petroleum group | | TPH | | 106 mg/kg | | 106 mg/kg | 0.0106 % | | |
| Total: | | | | | | | | 0.336 % | | |


Key

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

Supplementary Hazardous Property Information

HP 3(i) on Flam. Liq. 1; H224, Flam. Liq. 2; H225, Flam. Liq. 3; H226: **Force this Hazardous property to non hazardous because Unlikely to be flammable**

Classification of sample: BH4

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

Sample details

| | |
|---------------|---|
| Sample Name: | LoW Code: |
| BH4 | Chapter: |
| Sample Depth: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| 0.5 m | Entry: |
| | 17 05 03 * (Soil and stones containing hazardous substances) |

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead chromate: (Note 1 conc.: 0.113%)

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Risk phrases hit:

R50/53 "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinands:

lead chromate: (Note 1 conc.: 0.113%)

zinc oxide: (compound conc.: 0.604%)

Determinands



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

| # | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|------------------|-----------|--|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 1 | 006-007-00-5 | | PH | | 8 | pH | | 8 | pH | 8pH | | |
| 2 | 006-007-00-5 | | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } | | <2 | mg/kg | 1.884 | <3.768 | mg/kg | <0.000377 % | | <LOD |
| 3 | 033-003-00-0 | 215-481-4 | arsenic { arsenic trioxide } | | 17 | mg/kg | 1.32 | 22.446 | mg/kg | 0.00224 % | | |
| 4 | | | boron { boron tribromide/trichloride/trifluoride (combined) } | | 1 | mg/kg | 13.43 | 13.43 | mg/kg | 0.00134 % | | |
| 5 | 048-010-00-4 | 215-147-8 | cadmium { cadmium sulfide } | 1 | 1.1 | mg/kg | 1.285 | 1.414 | mg/kg | 0.00011 % | | |
| 6 | | | Chromium (III) Sulphate | | 26 | mg/kg | | 26 | mg/kg | 0.0026 % | | |
| 7 | 024-001-00-0 | 215-607-8 | chromium { chromium(VI) oxide } | | <2 | mg/kg | 1.923 | <3.846 | mg/kg | <0.000385 % | | <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 | | | | | | | | | |
| 8 | copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1 | | | | 67 | mg/kg | 1.126 | 75.435 | mg/kg | 0.00754 % | | |
| 9 | lead { lead chromate } 082-004-00-2 231-846-0 7758-97-6 | | | 1 | 1130 | mg/kg | 1.56 | 1762.591 | mg/kg | 0.113 % | | |
| 10 | mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7 | | | | 1.2 | mg/kg | 1.353 | 1.624 | mg/kg | 0.000162 % | | |
| 11 | nickel { nickel dihydroxide } 028-008-00-X 235-008-5 [1] 12054-48-7 [1] 234-348-1 [2] 11113-74-9 [2] | | | | 19 | mg/kg | 1.579 | 30.01 | mg/kg | 0.003 % | | |
| 12 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8 | | | | <3 | mg/kg | 2.554 | <7.661 | mg/kg | <0.000766 % | | <LOD |
| 13 | vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1 | | | | 40 | mg/kg | 1.785 | 71.407 | mg/kg | 0.00714 % | | |
| 14 | zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2 | | | | 4850 | mg/kg | 1.245 | 6036.863 | mg/kg | 0.604 % | | |
| 15 | phenol 604-001-00-2 203-632-7 108-95-2 | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| 16 | naphthalene 601-052-00-2 202-049-5 91-20-3 | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 17 | acenaphthylene 205-917-1 208-96-8 | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 18 | acenaphthene 201-469-6 83-32-9 | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 19 | fluorene 201-695-5 86-73-7 | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 20 | phenanthrene 201-581-5 85-01-8 | | | | 1.39 | mg/kg | | 1.39 | mg/kg | 0.000139 % | | |
| 21 | anthracene 204-371-1 120-12-7 | | | | 0.24 | mg/kg | | 0.24 | mg/kg | 0.000024 % | | |
| 22 | fluoranthene 205-912-4 206-44-0 | | | | 2.59 | mg/kg | | 2.59 | mg/kg | 0.000259 % | | |
| 23 | pyrene 204-927-3 129-00-0 | | | | 2.18 | mg/kg | | 2.18 | mg/kg | 0.000218 % | | |
| 24 | benzo[a]anthracene 601-033-00-9 200-280-6 56-55-3 | | | | 0.94 | mg/kg | | 0.94 | mg/kg | 0.000094 % | | |
| 25 | chrysene 601-048-00-0 205-923-4 218-01-9 | | | | 1.06 | mg/kg | | 1.06 | mg/kg | 0.000106 % | | |
| 26 | benzo[b]fluoranthene 601-034-00-4 205-911-9 205-99-2 | | | | 1.24 | mg/kg | | 1.24 | mg/kg | 0.000124 % | | |
| 27 | benzo[k]fluoranthene 601-036-00-5 205-916-6 207-08-9 | | | | 0.4 | mg/kg | | 0.4 | mg/kg | 0.00004 % | | |
| 28 | benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 200-028-5 50-32-8 | | | | 0.9 | mg/kg | | 0.9 | mg/kg | 0.00009 % | | |
| 29 | indeno[123-cd]pyrene 205-893-2 193-39-5 | | | | 0.56 | mg/kg | | 0.56 | mg/kg | 0.000056 % | | |
| 30 | dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3 | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 31 | benzo[ghi]perylene 205-883-8 191-24-2 | | | | 0.5 | mg/kg | | 0.5 | mg/kg | 0.00005 % | | |
| 32 | benzene 601-020-00-8 200-753-7 71-43-2 | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| 33 | toluene 601-021-00-3 203-625-9 108-88-3 | | | | <5 | mg/kg | | <5 | mg/kg | <0.0005 % | | <LOD |
| 34 | ethylbenzene 601-023-00-4 202-849-4 100-41-4 | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| 35 | xylene 601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--|--|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| | | 203-576-3 [3] 215-535-7 [4] | 108-38-3 [3] 1330-20-7 [4] | | | | | | | |
| 36 | o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4] | 95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4] | | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| 37 | ● diesel petroleum group | | 68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9 | | <42 mg/kg | | <42 mg/kg | <0.0042 % | | <LOD |
| 38 | ● TPH (C6 to C40) petroleum group | | TPH | | <42 mg/kg | | <42 mg/kg | <0.0042 % | | <LOD |
| Total: | | | | | | | | 0.754 % | | |

Key

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

Classification of sample: BH4[1]

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

Sample details

| | | |
|---------------|-----------|---|
| Sample Name: | LoW Code: | |
| BH4[1] | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: | Entry: | 17 05 03 * (Soil and stones containing hazardous substances) |
| 2.3 m | | |

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead chromate: (Note 1 conc.: 0.406%)

HP 10: Toxic for reproduction "waste which has adverse effects on sexual function and fertility in adult males and females, as well as developmental toxicity in the offspring"

Hazard Statements hit:

Repr. 1A; H360Df "May damage the unborn child. Suspected of damaging fertility."

Because of determinand:

lead chromate: (Note 1 conc.: 0.406%)

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Risk phrases hit:

R50/53 "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinand:

lead chromate: (Note 1 conc.: 0.406%)

Determinands

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

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|--|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | pH | | | | 10.5 pH | | 10.5 pH | 10.5 pH | | |
| 2 | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } | | | | <2 mg/kg | 1.884 | <3.768 mg/kg | <0.000377 % | | <LOD |
| | 006-007-00-5 | | | | | | | | | |
| 3 | arsenic { arsenic trioxide } | | | | 18 mg/kg | 1.32 | 23.766 mg/kg | 0.00238 % | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|---|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 4 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | | <1 | mg/kg | 13.43 | <13.43 | mg/kg | <0.00134 % | | <LOD |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | | | |
| 5 | cadmium { cadmium sulfide } | | | 1 | 0.8 | mg/kg | 1.285 | 1.028 | mg/kg | 0.00008 % | | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | | | |
| 6 | Chromium (III) Sulphate | | | | 25 | mg/kg | | 25 | mg/kg | 0.0025 % | | |
| | | | 10101-53-8 | | | | | | | | | |
| 7 | chromium { chromium(VI) oxide } | | | | <2 | mg/kg | 1.923 | <3.846 | mg/kg | <0.000385 % | | <LOD |
| | 024-001-00-0 | 215-607-8 | 1333-82-0 | | | | | | | | | |
| 8 | copper { dicopper oxide; copper (I) oxide } | | | | 65 | mg/kg | 1.126 | 73.183 | mg/kg | 0.00732 % | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | | | |
| 9 | lead { lead chromate } | | | 1 | 4060 | mg/kg | 1.56 | 6332.85 | mg/kg | 0.406 % | | |
| | 082-004-00-2 | 231-846-0 | 7758-97-6 | | | | | | | | | |
| 10 | mercury { mercury dichloride } | | | | <1 | mg/kg | 1.353 | <1.353 | mg/kg | <0.000135 % | | <LOD |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | | | |
| 11 | nickel { nickel dihydroxide } | | | | 26 | mg/kg | 1.579 | 41.067 | mg/kg | 0.00411 % | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | | | |
| 12 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | | | | <3 | mg/kg | 2.554 | <7.661 | mg/kg | <0.000766 % | | <LOD |
| | 034-002-00-8 | | | | | | | | | | | |
| 13 | vanadium { divanadium pentaoxide; vanadium pentoxide } | | | | 25 | mg/kg | 1.785 | 44.63 | mg/kg | 0.00446 % | | |
| | 023-001-00-8 | 215-239-8 | 1314-62-1 | | | | | | | | | |
| 14 | zinc { zinc oxide } | | | | 764 | mg/kg | 1.245 | 950.961 | mg/kg | 0.0951 % | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | | |
| 15 | phenol | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 604-001-00-2 | 203-632-7 | 108-95-2 | | | | | | | | | |
| 16 | naphthalene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 17 | acenaphthylene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | | 205-917-1 | 208-96-8 | | | | | | | | | |
| 18 | acenaphthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | | 201-469-6 | 83-32-9 | | | | | | | | | |
| 19 | fluorene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 20 | phenanthrene | | | | 0.22 | mg/kg | | 0.22 | mg/kg | 0.000022 % | | |
| | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 21 | anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | | 204-371-1 | 120-12-7 | | | | | | | | | |
| 22 | fluoranthene | | | | 0.51 | mg/kg | | 0.51 | mg/kg | 0.000051 % | | |
| | | 205-912-4 | 206-44-0 | | | | | | | | | |
| 23 | pyrene | | | | 0.44 | mg/kg | | 0.44 | mg/kg | 0.000044 % | | |
| | | 204-927-3 | 129-00-0 | | | | | | | | | |
| 24 | benzo[a]anthracene | | | | 0.2 | mg/kg | | 0.2 | mg/kg | 0.00002 % | | |
| | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | | |
| 25 | chrysene | | | | 0.25 | mg/kg | | 0.25 | mg/kg | 0.000025 % | | |
| | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | | |
| 26 | benzo[b]fluoranthene | | | | 0.28 | mg/kg | | 0.28 | mg/kg | 0.000028 % | | |
| | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | | |
| 27 | benzo[k]fluoranthene | | | | 0.13 | mg/kg | | 0.13 | mg/kg | 0.000013 % | | |
| | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | | |
| 28 | 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 | | | | | | | | | |
| 29 | indeno[123-cd]pyrene | | | | 0.14 | mg/kg | | 0.14 | mg/kg | 0.000014 % | | |
| | | 205-893-2 | 193-39-5 | | | | | | | | | |
| 30 | 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 | | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--|--|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 31 | benzo[ghi]perylene | | | | 0.14 mg/kg | | 0.14 mg/kg | 0.000014 % | | |
| | | 205-883-8 | 191-24-2 | | | | | | | |
| 32 | benzene | | | | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| | 601-020-00-8 | 200-753-7 | 71-43-2 | | | | | | | |
| 33 | toluene | | | | <5 mg/kg | | <5 mg/kg | <0.0005 % | | <LOD |
| | 601-021-00-3 | 203-625-9 | 108-88-3 | | | | | | | |
| 34 | ethylbenzene | | | | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| | 601-023-00-4 | 202-849-4 | 100-41-4 | | | | | | | |
| 35 | xylene | | | | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4] | 95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4] | | | | | | | |
| 36 | o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] | | | | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4] | 95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4] | | | | | | | |
| 37 | diesel petroleum group | | | | <42 mg/kg | | <42 mg/kg | <0.0042 % | | <LOD |
| | | | 68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9 | | | | | | | |
| 38 | TPH (C6 to C40) petroleum group | | | | <42 mg/kg | | <42 mg/kg | <0.0042 % | | <LOD |
| | | | TPH | | | | | | | |
| Total: | | | | | | | | 0.535 % | | |

Key

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

Classification of sample: BH4[2]

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

Sample details

| | | |
|---------------|-----------|---|
| Sample Name: | LoW Code: | |
| BH4[2] | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| 4.5 m | | |

Hazard properties

None identified

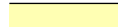




Determinands

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

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|---|----------|-------------------|--------------|----------------|-------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | |
| 1 | pH | | | | 7.9 pH | | 7.9 | pH | 7.9 pH | | |
| 2 | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } | | | | <2 mg/kg | 1.884 | <3.768 | mg/kg | <0.000377 % | | <LOD |
| | 006-007-00-5 | | | | | | | | | | |
| 3 | arsenic { arsenic trioxide } | | | | 21 mg/kg | 1.32 | 27.727 | mg/kg | 0.00277 % | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | | |
| 4 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | | 3.9 mg/kg | 13.43 | 52.377 | mg/kg | 0.00524 % | | |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | | |
| 5 | cadmium { cadmium sulfide } | | | 1 | 0.8 mg/kg | 1.285 | 1.028 | mg/kg | 0.00008 % | | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | | |
| 6 | Chromium (III) Sulphate | | | | 27 mg/kg | | 27 | mg/kg | 0.0027 % | | |
| | | | 10101-53-8 | | | | | | | | |
| 7 | chromium { chromium(VI) oxide } | | | | <2 mg/kg | 1.923 | <3.846 | mg/kg | <0.000385 % | | <LOD |
| | 024-001-00-0 | 215-607-8 | 1333-82-0 | | | | | | | | |
| 8 | copper { dicopper oxide; copper (I) oxide } | | | | 82 mg/kg | 1.126 | 92.323 | mg/kg | 0.00923 % | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | | |
| 9 | lead { lead chromate } | | | 1 | 841 mg/kg | 1.56 | 1311.805 | mg/kg | 0.0841 % | | |
| | 082-004-00-2 | 231-846-0 | 7758-97-6 | | | | | | | | |
| 10 | mercury { mercury dichloride } | | | | 1.6 mg/kg | 1.353 | 2.166 | mg/kg | 0.000217 % | | |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | | |
| 11 | nickel { nickel dihydroxide } | | | | 20 mg/kg | 1.579 | 31.59 | mg/kg | 0.00316 % | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | | |
| 12 | selenium { selenium compounds with the exception of cadmium selenosulfide and those specified elsewhere in this Annex } | | | | <3 mg/kg | 2.554 | <7.661 | mg/kg | <0.000766 % | | <LOD |
| | 034-002-00-8 | | | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--|--|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 13 | vanadium { divanadium pentaoxide; vanadium pentoxide } | | | | 46 mg/kg | 1.785 | 82.119 mg/kg | 0.00821 % | | |
| | 023-001-00-8 | 215-239-8 | 1314-62-1 | | | | | | | |
| 14 | zinc { zinc oxide } | | | | 588 mg/kg | 1.245 | 731.892 mg/kg | 0.0732 % | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | |
| 15 | phenol | | | | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| | 604-001-00-2 | 203-632-7 | 108-95-2 | | | | | | | |
| 16 | naphthalene | | | | 0.59 mg/kg | | 0.59 mg/kg | 0.000059 % | | |
| | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | |
| 17 | acenaphthylene | | | | <0.1 mg/kg | | <0.1 mg/kg | <0.00001 % | | <LOD |
| | | 205-917-1 | 208-96-8 | | | | | | | |
| 18 | acenaphthene | | | | 1.94 mg/kg | | 1.94 mg/kg | 0.000194 % | | |
| | | 201-469-6 | 83-32-9 | | | | | | | |
| 19 | fluorene | | | | 1 mg/kg | | 1 mg/kg | 0.0001 % | | |
| | | 201-695-5 | 86-73-7 | | | | | | | |
| 20 | phenanthrene | | | | 2.33 mg/kg | | 2.33 mg/kg | 0.000233 % | | |
| | | 201-581-5 | 85-01-8 | | | | | | | |
| 21 | anthracene | | | | 0.28 mg/kg | | 0.28 mg/kg | 0.000028 % | | |
| | | 204-371-1 | 120-12-7 | | | | | | | |
| 22 | fluoranthene | | | | 2.34 mg/kg | | 2.34 mg/kg | 0.000234 % | | |
| | | 205-912-4 | 206-44-0 | | | | | | | |
| 23 | pyrene | | | | 1.83 mg/kg | | 1.83 mg/kg | 0.000183 % | | |
| | | 204-927-3 | 129-00-0 | | | | | | | |
| 24 | benzo[a]anthracene | | | | 0.59 mg/kg | | 0.59 mg/kg | 0.000059 % | | |
| | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | |
| 25 | chrysene | | | | 0.65 mg/kg | | 0.65 mg/kg | 0.000065 % | | |
| | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | |
| 26 | benzo[b]fluoranthene | | | | 0.58 mg/kg | | 0.58 mg/kg | 0.000058 % | | |
| | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | |
| 27 | benzo[k]fluoranthene | | | | 0.23 mg/kg | | 0.23 mg/kg | 0.000023 % | | |
| | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | |
| 28 | benzo[a]pyrene; benzo[def]chrysene | | | | 0.41 mg/kg | | 0.41 mg/kg | 0.000041 % | | |
| | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | |
| 29 | indeno[123-cd]pyrene | | | | 0.2 mg/kg | | 0.2 mg/kg | 0.00002 % | | |
| | | 205-893-2 | 193-39-5 | | | | | | | |
| 30 | 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 | | | | | | | |
| 31 | benzo[ghi]perylene | | | | 0.19 mg/kg | | 0.19 mg/kg | 0.000019 % | | |
| | | 205-883-8 | 191-24-2 | | | | | | | |
| 32 | benzene | | | | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| | 601-020-00-8 | 200-753-7 | 71-43-2 | | | | | | | |
| 33 | toluene | | | | <5 mg/kg | | <5 mg/kg | <0.0005 % | | <LOD |
| | 601-021-00-3 | 203-625-9 | 108-88-3 | | | | | | | |
| 34 | ethylbenzene | | | | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| | 601-023-00-4 | 202-849-4 | 100-41-4 | | | | | | | |
| 35 | xylene | | | | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4] | 95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4] | | | | | | | |
| 36 | o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] | | | | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4] | 95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4] | | | | | | | |
| 37 | diesel petroleum group | | | | <42 mg/kg | | <42 mg/kg | <0.0042 % | | <LOD |
| | | | 68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9 | | | | | | | |
| 38 | TPH (C6 to C40) petroleum group | | | | <42 mg/kg | | <42 mg/kg | <0.0042 % | | <LOD |
| | | | TPH | | | | | | | |
| Total: | | | | | | | | 0.202 % | | |

Key

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

Classification of sample: TP3

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

Sample details

| | | |
|---------------|-----------|---|
| Sample Name: | LoW Code: | |
| TP3 | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| 0.2 m | | |

Hazard properties

None identified






Determinands

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

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|---|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | pH | | PH | | 8 pH | | 8 pH | 8pH | | |
| 2 | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } | | | | <2 mg/kg | 1.884 | <3.768 mg/kg | <0.000377 % | | <LOD |
| | 006-007-00-5 | | | | | | | | | |
| 3 | arsenic { arsenic trioxide } | | | | 22 mg/kg | 1.32 | 29.047 mg/kg | 0.0029 % | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |
| 4 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | | <1 mg/kg | 13.43 | <13.43 mg/kg | <0.00134 % | | <LOD |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | |
| 5 | cadmium { cadmium sulfide } | | | 1 | 0.8 mg/kg | 1.285 | 1.028 mg/kg | 0.00008 % | | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | |
| 6 | Chromium (III) Sulphate | | | | 27 mg/kg | | 27 mg/kg | 0.0027 % | | |
| | | | 10101-53-8 | | | | | | | |
| 7 | chromium { chromium(VI) oxide } | | | | <2 mg/kg | 1.923 | <3.846 mg/kg | <0.000385 % | | <LOD |
| | 024-001-00-0 | 215-607-8 | 1333-82-0 | | | | | | | |
| 8 | copper { dicopper oxide; copper (I) oxide } | | | | 77 mg/kg | 1.126 | 86.693 mg/kg | 0.00867 % | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | |
| 9 | lead { lead chromate } | | | 1 | 829 mg/kg | 1.56 | 1293.087 mg/kg | 0.0829 % | | |
| | 082-004-00-2 | 231-846-0 | 7758-97-6 | | | | | | | |
| 10 | mercury { mercury dichloride } | | | | 1.3 mg/kg | 1.353 | 1.76 mg/kg | 0.000176 % | | |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | |
| 11 | nickel { nickel dihydroxide } | | | | 20 mg/kg | 1.579 | 31.59 mg/kg | 0.00316 % | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | |
| 12 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| | 034-002-00-8 | | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|--------|--|--|--|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 13 | vanadium { divanadium pentaoxide; vanadium pentoxide } | | | | 46 | mg/kg | 1.785 | 82.119 | mg/kg | 0.00821 % | | |
| | 023-001-00-8 | 215-239-8 | 1314-62-1 | | | | | | | | | |
| 14 | zinc { zinc oxide } | | | | 597 | mg/kg | 1.245 | 743.094 | mg/kg | 0.0743 % | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | | |
| 15 | phenol | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 604-001-00-2 | 203-632-7 | 108-95-2 | | | | | | | | | |
| 16 | naphthalene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 17 | acenaphthylene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | | 205-917-1 | 208-96-8 | | | | | | | | | |
| 18 | acenaphthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | | 201-469-6 | 83-32-9 | | | | | | | | | |
| 19 | fluorene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 20 | phenanthrene | | | | 0.77 | mg/kg | | 0.77 | mg/kg | 0.000077 % | | |
| | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 21 | anthracene | | | | 0.15 | mg/kg | | 0.15 | mg/kg | 0.000015 % | | |
| | | 204-371-1 | 120-12-7 | | | | | | | | | |
| 22 | fluoranthene | | | | 2.09 | mg/kg | | 2.09 | mg/kg | 0.000209 % | | |
| | | 205-912-4 | 206-44-0 | | | | | | | | | |
| 23 | pyrene | | | | 1.86 | mg/kg | | 1.86 | mg/kg | 0.000186 % | | |
| | | 204-927-3 | 129-00-0 | | | | | | | | | |
| 24 | benzo[a]anthracene | | | | 1 | mg/kg | | 1 | mg/kg | 0.0001 % | | |
| | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | | |
| 25 | chrysene | | | | 1.06 | mg/kg | | 1.06 | mg/kg | 0.000106 % | | |
| | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | | |
| 26 | benzo[b]fluoranthene | | | | 1.43 | mg/kg | | 1.43 | mg/kg | 0.000143 % | | |
| | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | | |
| 27 | benzo[k]fluoranthene | | | | 0.48 | mg/kg | | 0.48 | mg/kg | 0.000048 % | | |
| | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | | |
| 28 | benzo[a]pyrene; benzo[def]chrysene | | | | 1.1 | mg/kg | | 1.1 | mg/kg | 0.00011 % | | |
| | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | | |
| 29 | indeno[123-cd]pyrene | | | | 0.75 | mg/kg | | 0.75 | mg/kg | 0.000075 % | | |
| | | 205-893-2 | 193-39-5 | | | | | | | | | |
| 30 | 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 | | | | | | | | | |
| 31 | benzo[ghi]perylene | | | | 0.68 | mg/kg | | 0.68 | mg/kg | 0.000068 % | | |
| | | 205-883-8 | 191-24-2 | | | | | | | | | |
| 32 | benzene | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 601-020-00-8 | 200-753-7 | 71-43-2 | | | | | | | | | |
| 33 | toluene | | | | <5 | mg/kg | | <5 | mg/kg | <0.0005 % | | <LOD |
| | 601-021-00-3 | 203-625-9 | 108-88-3 | | | | | | | | | |
| 34 | ethylbenzene | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 601-023-00-4 | 202-849-4 | 100-41-4 | | | | | | | | | |
| 35 | xylene | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4] | 95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4] | | | | | | | | | |
| 36 | o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4] | 95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4] | | | | | | | | | |
| 37 | diesel petroleum group | | | | <42 | mg/kg | | <42 | mg/kg | <0.0042 % | | <LOD |
| | | | 68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9 | | | | | | | | | |
| 38 | TPH (C6 to C40) petroleum group | | | | <42 | mg/kg | | <42 | mg/kg | <0.0042 % | | <LOD |
| | | | TPH | | | | | | | | | |
| Total: | | | | | | | | | | 0.197 % | | |

Key

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

Appendix A: Classifier defined and non CLP determinands

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

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25/05/2015
Risk Phrases: None.
Hazard Statements: None.

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

CLP index number: 006-007-00-5
Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)
Additional Risk Phrases: None.
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s)/Risk Phrase(s):
14/12/2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

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

Conversion factor: 13.43
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: 06/08/2015
Risk Phrases: R14 , T+ R26/28 , C R34 , C R35
Hazard Statements: EUH014 , Acute Tox. 2 H330 , Acute Tox. 2 H300 , Skin Corr. 1A H314 , Skin Corr. 1B H314

- **Chromium (III) Sulphate** (CAS Number: 10101-53-8)

Description/Comments:
Data source: 10101-53-8
Data source date: 24/06/2015
Risk Phrases: None.
Hazard Statements: None.

- **dicopper oxide; copper (I) oxide** (EC Number: 215-270-7, CAS Number: 1317-39-1)

CLP index number: 029-002-00-X
Data source: Regulation (EU) 2016/1179 of 19 July 2016 (ATP9)
Additional Risk Phrases: N R50/53 , N R50/53 >= 0.25 %
Additional Hazard Statement(s): None.
Reason for additional Hazards Statement(s)/Risk Phrase(s):
10/10/2016 - N R50/53 risk phrase sourced from: WM3 v1 still uses ecotoxic risk phrases
10/10/2016 - N R50/53 >= 0.25 % risk phrase sourced from: WM3 v1 still uses ecotoxic risk phrases

- **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: 17/07/2015
Risk Phrases: R22 , R26 , R27 , R36 , R37 , R38
Hazard Statements: Acute Tox. 4 H302 , Acute Tox. 1 H330 , Acute Tox. 1 H310 , Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315

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

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 17/07/2015
Risk Phrases: R36 , R37 , R38 , N R50/53 , N R51/53
Hazard Statements: Eye Irrit. 2 H319 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Aquatic Acute 1 H400 , Aquatic Chronic 1 H410 , Aquatic Chronic 2 H411

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

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 06/08/2015
Risk Phrases: N R50/53
Hazard Statements: Aquatic Acute 1 H400 , Aquatic Chronic 1 H410

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 06/08/2015

Risk Phrases: R22 , R36 , R37 , R38 , R40 , R43 , N R50/53

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17/07/2015

Risk Phrases: R36 , R37 , R38 , R43 , N R50/53

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 21/08/2015

Risk Phrases: Xn R22 , N R50/53

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

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

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

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

Data source date: 21/08/2015

Risk Phrases: Xi R36/37/38 , N R50/53

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 06/08/2015

Risk Phrases: R40

Hazard Statements: Carc. 2 H351

• **benzo[ghi]perylene** (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015

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

Data source date: 23/07/2015

Risk Phrases: N R50/53

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

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

CLP index number: 601-023-00-4

Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)

Additional Risk Phrases: None.

Additional Hazard Statement(s): Carc. 2 H351

Reason for additional Hazard(s)/Risk Phrase(s):

03/06/2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

• **diesel petroleum group** (CAS Number: 68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013

Data source: WM3 1st Edition 2015

Data source date: 25/05/2015

Risk Phrases: R40 , R51/53 , R65 , R66

Hazard Statements: Flam. Liq. 3 H226 , Skin Irrit. 2 H315 , Acute Tox. 4 H332 , Carc. 2 H351 , Asp. Tox. 1 H304 , STOT RE 2 H373 , Aquatic Chronic 2 H411

• **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: 25/05/2015
 Risk Phrases: R10 , R45 , R46 , R51/53 , R63 , R65
 Hazard Statements: Flam. Liq. 3 H226 , Asp. Tox. 1 H304 , STOT RE 2 H373 , Muta. 1B H340 , Carc. 1B H350 , Repr. 2 H361d , Aquatic Chronic 2 H411

Appendix B: Rationale for selection of metal species

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

Worst case species

arsenic {arsenic trioxide}

Worst case species based on risk phrases

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

Worst case species based on risk phrases

cadmium {cadmium sulfide}

Worst case species based on risk phrases

chromium {chromium(VI) oxide}

Worst case species based on risk phrases

copper {dicopper oxide; copper (I) oxide}

Most likely common species

lead {lead chromate}

Worst case species based on risk phrases

mercury {mercury dichloride}

Worst case species based on risk phrases

nickel {nickel dihydroxide}

Worst case species based on risk phrases

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

Worst case species based on risk phrases

vanadium {divanadium pentaoxide; vanadium pentoxide}

most common form

zinc {zinc oxide}

Likely to be oxide

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition, May 2015
 HazWasteOnline Classification Engine Version: 2017.248.3389.6849 (05 Sep 2017)
 HazWasteOnline Database: 2017.248.3389.6849 (05 Sep 2017)

This classification utilises the following guidance and legislation:

WM3 - Waste Classification - May 2015

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 Wastes 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

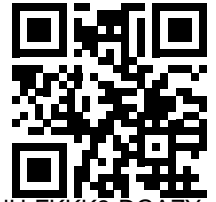
10th ATP - Regulation (EU) 2017/776 of 4 May 2017

POPs Regulation 2004 - Regulation 850/2004/EC of 29 April 2004

1st ATP to POPs Regulation - Regulation 756/2010/EU of 24 August 2010

2nd ATP to POPs Regulation - Regulation 757/2010/EU of 24 August 2010

Waste Classification Report



BXSNU-FK333-DGAZY

Job name

GWPR2317 (1_

Description/Comments

Project

GWPR2317 (1)

Site

Kiln Place Estate, Camden NW

Waste Stream Template

Ground and Water V2 PA

Classified by

Name:
Alice Tettmar
Date:
23/11/2017 17:55:54 UTC
Telephone:
0333 600 1221

Company:
Ground and Water
2 The Long Barn
Norton Farm, Selborne Road
Alton
GU34 3NB

Report

Created by: Alice Tettmar
Created date: 23/11/2017 17:55 UTC


Job summary

| # | Sample Name | Depth [m] | Classification Result | Hazard properties | Page |
|----|-------------|-----------|-----------------------|--------------------|------|
| 1 | TPA | 0.5 | Hazardous | HP 14 | 3 |
| 2 | TPB | 0.2 | Non Hazardous | | 5 |
| 3 | TPB[1] | 0.5 | Hazardous | HP 14 | 7 |
| 4 | TPB[2] | 0.8 | Hazardous | HP 14 | 9 |
| 5 | TPB[3] | 1 | Non Hazardous | | 11 |
| 6 | TPB[4] | Composite | Hazardous | HP 14 | 13 |
| 7 | TPC | 0.5 | Hazardous | HP 7, HP 10, HP 14 | 16 |
| 8 | TPC[1] | 1 | Hazardous | HP 7, HP 10, HP 14 | 18 |
| 9 | TPC[2] | Composite | Hazardous | HP 14 | 20 |
| 10 | TPD | 0.3 | Hazardous | HP 14 | 22 |
| 11 | TPE | 0.5 | Non Hazardous | | 24 |
| 12 | TPE[1] | 0.8 | Non Hazardous | | 26 |
| 13 | TPE[2] | 1 | Non Hazardous | | 28 |
| 14 | TPE[3] | Composite | Non Hazardous | | 30 |
| 15 | TPF | 0.3 | Non Hazardous | | 33 |
| 16 | TPF[1] | 0.5 | Hazardous | HP 14 | 35 |

| # | Sample Name | Depth [m] | Classification Result | Hazard properties | Page |
|----|-------------|-----------|-----------------------|-------------------|------|
| 17 | TPG | 0.3 | Non Hazardous | | 37 |
| 18 | TPG[1] | 0.5 | Non Hazardous | | 39 |
| 19 | TPG[2] | 0.8 | Hazardous | HP 10, HP 14 | 41 |
| 20 | TPG[3] | 1 | Hazardous | HP 14 | 43 |
| 21 | TPG[4] | 1.2 | Hazardous | HP 10, HP 14 | 45 |
| 22 | TPG[5] | Composite | Hazardous | HP 14 | 47 |
| 23 | TPH | 0.5 | Hazardous | HP 10, HP 14 | 50 |
| 24 | TPH[1] | 1 | Non Hazardous | | 52 |
| 25 | TPH[2] | Composite | Non Hazardous | | 54 |
| 26 | TPI | 0.5 | Non Hazardous | | 56 |
| 27 | TPI[1] | 1 | Non Hazardous | | 58 |
| 28 | TPJ | 0.3 | Non Hazardous | | 60 |
| 29 | TPJ[1] | 0.8 | Non Hazardous | | 62 |
| 30 | TPJ[2] | 1 | Non Hazardous | | 64 |
| 31 | TPJ[3] | Composite | Non Hazardous | | 66 |
| 32 | TPK | 0.3 | Non Hazardous | | 69 |
| 33 | TPK[1] | 0.5 | Non Hazardous | | 71 |
| 34 | TPK[2] | 0.8 | Non Hazardous | | 73 |
| 35 | TPL | 0.3 | Non Hazardous | | 75 |
| 36 | TPL[1] | 0.5 | Non Hazardous | | 77 |
| 37 | TPM | Composite | Non Hazardous | | 79 |

| Appendices | Page |
|---|------|
| Appendix A: Classifier defined and non CLP determinands | 81 |
| Appendix B: Rationale for selection of metal species | 83 |
| Appendix C: Version | 83 |

Classification of sample: TPA



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

Sample details

| | | |
|-------------------|-----------|---|
| Sample Name: | LoW Code: | |
| TPA | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: | Entry: | 17 05 03 * (Soil and stones containing hazardous substances) |
| 0.5 m | | |
| Moisture content: | | |
| 11.9% | | |
| (no correction) | | |

Hazard properties

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Risk phrases hit:

R50/53 "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinands:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.188%)

zinc oxide: (compound conc.: 0.149%)

Determinands

Moisture content: **11.9%** No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|--|--------------------------------|---|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | | | | 36 mg/kg | 1.32 | 47.532 mg/kg | 0.00475 % | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |
| 2 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | | 1.1 mg/kg | 13.43 | 14.773 mg/kg | 0.00148 % | | |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | |
| 3 | cadmium { cadmium sulfide } | | | 1 | 1.4 mg/kg | 1.285 | 1.799 mg/kg | 0.00014 % | | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | |
| 4 | Chromium (III) Sulphate | | | | 29 mg/kg | | 29 mg/kg | 0.0029 % | | |
| | | | 10101-53-8 | | | | | | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | | | | 348 mg/kg | 1.126 | 391.809 mg/kg | 0.0392 % | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | | | 1 | 1880 mg/kg | | 1880 mg/kg | 0.188 % | | |
| | 082-001-00-6 | | | | | | | | | |
| 7 | mercury { mercury dichloride } | | | | 1.3 mg/kg | 1.353 | 1.76 mg/kg | 0.000176 % | | |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | |
| 8 | nickel { nickel dihydroxide } | | | | 34 mg/kg | 1.579 | 53.703 mg/kg | 0.00537 % | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| | 034-002-00-8 | | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|--------|---------------------|-----------|------------|----------|-------------------|--------------|----------------|--|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | |
| 10 | zinc { zinc oxide } | | | | 1200 mg/kg | 1.245 | 1493.657 mg/kg | | 0.149 % | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | |
| Total: | | | | | | | | | 0.392 % | | |

Key

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

Classification of sample: TPB

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

Sample details

| | | |
|--|-----------------------|---|
| Sample Name: TPB | LoW Code: Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: 0.2 m | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| Moisture content: 18.8% (no correction) | | |

Hazard properties






None identified

Determinands


Moisture content: **18.8%** No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------|--------------------------------|---|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | 29 mg/kg | 1.32 | 38.289 mg/kg | 0.00383 % | | |
| 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 % | | <LOD |
| 3 | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 1 mg/kg | 1.285 | 1.285 mg/kg | 0.0001 % | | |
| 4 | Chromium (III) Sulphate | | | 10101-53-8 | 27 mg/kg | | 27 mg/kg | 0.0027 % | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | 171 mg/kg | 1.126 | 192.527 mg/kg | 0.0193 % | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | 082-001-00-6 | | | 1230 mg/kg | | 1230 mg/kg | 0.123 % | | |
| 7 | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | 1.3 mg/kg | 1.353 | 1.76 mg/kg | 0.000176 % | | |
| 8 | nickel { nickel dihydroxide } | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | 30 mg/kg | 1.579 | 47.385 mg/kg | 0.00474 % | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| 10 | zinc { zinc oxide } | 030-013-00-7 | 215-222-5 | 1314-13-2 | 670 mg/kg | 1.245 | 833.958 mg/kg | 0.0834 % | | |
| Total: | | | | | | | | 0.239 % | | |

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) |
|  | Determinand defined by classifier (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: TPB[1]



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

Sample details

| | | |
|-------------------|-----------|---|
| Sample Name: | LoW Code: | |
| TPB[1] | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: | Entry: | 17 05 03 * (Soil and stones containing hazardous substances) |
| 0.5 m | | |
| Moisture content: | | |
| 17.4% | | |
| (no correction) | | |

Hazard properties

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Risk phrases hit:

R50/53 "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinands:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.203%)

zinc oxide: (compound conc.: 0.128%)

Determinands

Moisture content: **17.4%** No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|--|--------------|--------------------------------|---|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | 30 mg/kg | 1.32 | 39.61 mg/kg | 0.00396 % | | |
| 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 % | | <LOD |
| 3 | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 1.3 mg/kg | 1.285 | 1.671 mg/kg | 0.00013 % | | |
| 4 | Chromium (III) Sulphate | | | 10101-53-8 | 34 mg/kg | | 34 mg/kg | 0.0034 % | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | 758 mg/kg | 1.126 | 853.423 mg/kg | 0.0853 % | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | 082-001-00-6 | | | 2030 mg/kg | | 2030 mg/kg | 0.203 % | | |
| 7 | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | 1.2 mg/kg | 1.353 | 1.624 mg/kg | 0.000162 % | | |
| 8 | nickel { nickel dihydroxide } | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | 34 mg/kg | 1.579 | 53.703 mg/kg | 0.00537 % | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <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 | | | | | | | | |
| 10 | zinc { zinc oxide } | | | | 1030 mg/kg | 1.245 | 1282.055 mg/kg | | 0.128 % | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | |
| Total: | | | | | | | | | 0.432 % | | |

Key

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

Classification of sample: TPB[2]



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

Sample details

| | | |
|-------------------|-----------|---|
| Sample Name: | LoW Code: | |
| TPB[2] | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: | Entry: | 17 05 03 * (Soil and stones containing hazardous substances) |
| 0.8 m | | |
| Moisture content: | | |
| 15.9% | | |
| (no correction) | | |

Hazard properties

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Risk phrases hit:

R50/53 "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinands:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.233%)

zinc oxide: (compound conc.: 0.12%)

Determinands

Moisture content: 15.9% No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|--|--------------------------------|---|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | | | | 53 mg/kg | 1.32 | 69.977 mg/kg | 0.007 % | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |
| 2 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | | 1.4 mg/kg | 13.43 | 18.802 mg/kg | 0.00188 % | | |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | |
| 3 | cadmium { cadmium sulfide } | | | 1 | 1.6 mg/kg | 1.285 | 2.056 mg/kg | 0.00016 % | | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | |
| 4 | Chromium (III) Sulphate | | | | 35 mg/kg | | 35 mg/kg | 0.0035 % | | |
| | | | 10101-53-8 | | | | | | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | | | | 657 mg/kg | 1.126 | 739.709 mg/kg | 0.074 % | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | | | 1 | 2330 mg/kg | | 2330 mg/kg | 0.233 % | | |
| | 082-001-00-6 | | | | | | | | | |
| 7 | mercury { mercury dichloride } | | | | 1.6 mg/kg | 1.353 | 2.166 mg/kg | 0.000217 % | | |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | |
| 8 | nickel { nickel dihydroxide } | | | | 50 mg/kg | 1.579 | 78.975 mg/kg | 0.0079 % | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| | 034-002-00-8 | | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|----|---------------------|-----------|------------|----------|-------------------|--------------|----------------|-------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | |
| 10 | zinc (zinc oxide) | | | | 962 mg/kg | 1.245 | 1197.415 | mg/kg | 0.12 % | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | |
| | | | | | | | Total: | | 0.448 % | | |

Key

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

Classification of sample: TPB[3]

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

Sample details

| | | |
|--|-----------------------|---|
| Sample Name: TPB[3] | LoW Code: Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: 1 m | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| Moisture content: 13.9% (no correction) | | |

Hazard properties






None identified

Determinands


Moisture content: **13.9%** No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------|--------------------------------|---|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | 35 mg/kg | 1.32 | 46.211 mg/kg | 0.00462 % | | |
| 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 % | | <LOD |
| 3 | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 1.2 mg/kg | 1.285 | 1.542 mg/kg | 0.00012 % | | |
| 4 | Chromium (III) Sulphate | | | 10101-53-8 | 31 mg/kg | | 31 mg/kg | 0.0031 % | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | 220 mg/kg | 1.126 | 247.695 mg/kg | 0.0248 % | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | 082-001-00-6 | | | 1150 mg/kg | | 1150 mg/kg | 0.115 % | | |
| 7 | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | <1 mg/kg | 1.353 | <1.353 mg/kg | <0.000135 % | | <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] | 54 mg/kg | 1.579 | 85.293 mg/kg | 0.00853 % | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| 10 | zinc { zinc oxide } | 030-013-00-7 | 215-222-5 | 1314-13-2 | 815 mg/kg | 1.245 | 1014.442 mg/kg | 0.101 % | | |
| Total: | | | | | | | | 0.26 % | | |

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) |
|  | Determinand defined by classifier (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: TPB[4]

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

Sample details

| | | |
|--------------------|-----------|---|
| Sample Name: | LoW Code: | |
| TPB[4] | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: | Entry: | 17 05 03 * (Soil and stones containing hazardous substances) |
| Composite m | | |
| Moisture content: | | |
| 21.6% | | |
| (no correction) | | |

Hazard properties

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Risk phrases hit:

R50/53 "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinands:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.167%)

zinc oxide: (compound conc.: 0.115%)

Determinands



Moisture content: **21.6%** No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|------------------|-----------|--|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | | | PH | | 8.4 pH | | 8.4 pH | 8.4 pH | | |
| 2 | | | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } | | <2 mg/kg | 1.884 | <3.768 mg/kg | <0.000377 % | | <LOD |
| | 006-007-00-5 | | | | | | | | | |
| 3 | | | arsenic { arsenic trioxide } | | 42 mg/kg | 1.32 | 55.454 mg/kg | 0.00555 % | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |
| 4 | | | boron { boron tribromide/trichloride/trifluoride (combined) } | | <1 mg/kg | 13.43 | <13.43 mg/kg | <0.00134 % | | <LOD |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | |
| 5 | | | cadmium { cadmium sulfide } | 1 | 1.3 mg/kg | 1.285 | 1.671 mg/kg | 0.00013 % | | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | |
| 6 | | | Chromium (III) Sulphate | | 48 mg/kg | | 48 mg/kg | 0.0048 % | | |
| | | | 10101-53-8 | | | | | | | |
| 7 | | | chromium { chromium(VI) oxide } | | <2 mg/kg | 1.923 | <3.846 mg/kg | <0.000385 % | | <LOD |
| | 024-001-00-0 | 215-607-8 | 1333-82-0 | | | | | | | |
| 8 | | | copper { dicopper oxide; copper (I) oxide } | | 248 mg/kg | 1.126 | 279.22 mg/kg | 0.0279 % | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | |
| 9 | | | lead { lead compounds with the exception of those specified elsewhere in this Annex } | 1 | 1670 mg/kg | | 1670 mg/kg | 0.167 % | | |
| | 082-001-00-6 | | | | | | | | | |


| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|----|--|--|--|----------|-------------------|--------------|----------------|-------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | |
| 10 | mercury { mercury dichloride } | | | | 1.2 mg/kg | 1.353 | 1.624 | mg/kg | 0.000162 % | | |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | | |
| 11 | nickel { nickel dihydroxide } | | | | 48 mg/kg | 1.579 | 75.816 | mg/kg | 0.00758 % | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | | |
| 12 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | | | | <3 mg/kg | 2.554 | <7.661 | mg/kg | <0.000766 % | | <LOD |
| | 034-002-00-8 | | | | | | | | | | |
| 13 | vanadium { divanadium pentaoxide; vanadium pentoxide } | | | | 57 mg/kg | 1.785 | 101.756 | mg/kg | 0.0102 % | | |
| | 023-001-00-8 | 215-239-8 | 1314-62-1 | | | | | | | | |
| 14 | zinc { zinc oxide } | | | | 920 mg/kg | 1.245 | 1145.137 | mg/kg | 0.115 % | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | |
| 15 | phenol | | | | <2 mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 604-001-00-2 | 203-632-7 | 108-95-2 | | | | | | | | |
| 16 | naphthalene | | | | <0.1 mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | |
| 17 | acenaphthylene | | | | <0.1 mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | | 205-917-1 | 208-96-8 | | | | | | | | |
| 18 | acenaphthene | | | | 0.24 mg/kg | | 0.24 | mg/kg | 0.000024 % | | |
| | | 201-469-6 | 83-32-9 | | | | | | | | |
| 19 | fluorene | | | | 0.22 mg/kg | | 0.22 | mg/kg | 0.000022 % | | |
| | | 201-695-5 | 86-73-7 | | | | | | | | |
| 20 | phenanthrene | | | | 3.83 mg/kg | | 3.83 | mg/kg | 0.000383 % | | |
| | | 201-581-5 | 85-01-8 | | | | | | | | |
| 21 | anthracene | | | | 0.6 mg/kg | | 0.6 | mg/kg | 0.00006 % | | |
| | | 204-371-1 | 120-12-7 | | | | | | | | |
| 22 | fluoranthene | | | | 5.09 mg/kg | | 5.09 | mg/kg | 0.000509 % | | |
| | | 205-912-4 | 206-44-0 | | | | | | | | |
| 23 | pyrene | | | | 3.99 mg/kg | | 3.99 | mg/kg | 0.000399 % | | |
| | | 204-927-3 | 129-00-0 | | | | | | | | |
| 24 | benzo[a]anthracene | | | | 1.6 mg/kg | | 1.6 | mg/kg | 0.00016 % | | |
| | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | |
| 25 | chrysene | | | | 1.74 mg/kg | | 1.74 | mg/kg | 0.000174 % | | |
| | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | |
| 26 | benzo[b]fluoranthene | | | | 1.79 mg/kg | | 1.79 | mg/kg | 0.000179 % | | |
| | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | |
| 27 | benzo[k]fluoranthene | | | | 0.64 mg/kg | | 0.64 | mg/kg | 0.000064 % | | |
| | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | |
| 28 | benzo[a]pyrene; benzo[def]chrysene | | | | 1.29 mg/kg | | 1.29 | mg/kg | 0.000129 % | | |
| | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | |
| 29 | indeno[123-cd]pyrene | | | | 0.68 mg/kg | | 0.68 | mg/kg | 0.000068 % | | |
| | | 205-893-2 | 193-39-5 | | | | | | | | |
| 30 | dibenz[a,h]anthracene | | | | 0.14 mg/kg | | 0.14 | mg/kg | 0.000014 % | | |
| | 601-041-00-2 | 200-181-8 | 53-70-3 | | | | | | | | |
| 31 | benzo[ghi]perylene | | | | 0.63 mg/kg | | 0.63 | mg/kg | 0.000063 % | | |
| | | 205-883-8 | 191-24-2 | | | | | | | | |
| 32 | benzene | | | | <2 mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 601-020-00-8 | 200-753-7 | 71-43-2 | | | | | | | | |
| 33 | toluene | | | | <5 mg/kg | | <5 | mg/kg | <0.0005 % | | <LOD |
| | 601-021-00-3 | 203-625-9 | 108-88-3 | | | | | | | | |
| 34 | ethylbenzene | | | | <2 mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 601-023-00-4 | 202-849-4 | 100-41-4 | | | | | | | | |
| 35 | xylene | | | | <2 mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4] | 95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4] | | | | | | | | |
| 36 | o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] | | | | <2 mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] | 95-47-6 [1] 106-42-3 [2] | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------|---|---|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| | | 203-576-3 [3] 215-535-7 [4] | 108-38-3 [3] 1330-20-7 [4] | | | | | | | |
| 37 | | <ul style="list-style-type: none"> diesel petroleum group | | | <42 mg/kg | | <42 mg/kg | <0.0042 % | | <LOD |
| | | | 68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9 | | | | | | | |
| 38 | | <ul style="list-style-type: none"> TPH (C6 to C40) petroleum group | | | <42 mg/kg | | <42 mg/kg | <0.0042 % | | <LOD |
| | | | TPH | | | | | | | |
| Total: | | | | | | | | 0.353 % | | |

Key

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

Classification of sample: TPC

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

Sample details

| | | |
|--|-----------------------|--|
| Sample Name: TPC | LoW Code: Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: 0.5 m | Entry: | 17 05 03 * (Soil and stones containing hazardous substances) |
| Moisture content: 15.9% (no correction) | | |

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 2; H351 "Suspected of causing cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 2.82%)

HP 10: Toxic for reproduction "waste which has adverse effects on sexual function and fertility in adult males and females, as well as developmental toxicity in the offspring"

Hazard Statements hit:

Repr. 1A; H360Df "May damage the unborn child. Suspected of damaging fertility."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 2.82%)

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Risk phrases hit:

R50/53 "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinands:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 2.82%)

zinc oxide: (compound conc.: 1.456%)

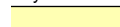





Determinands

Moisture content: **15.9%** No Moisture Correction applied (MC)


| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|---|-----------|---|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | | | | 37 mg/kg | 1.32 | 48.852 mg/kg | 0.00489 % | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |
| 2 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | | 3.2 mg/kg | 13.43 | 42.976 mg/kg | 0.0043 % | | |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | |
| 3 | cadmium { cadmium sulfide } | | | 1 | 1.3 mg/kg | 1.285 | 1.671 mg/kg | 0.00013 % | | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------------------------|----------------------------------|----------|-------------------|--------------|-----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 4 | Chromium (III) Sulphate | | | | 33 mg/kg | | 33 mg/kg | 0.0033 % | | |
| | | | 10101-53-8 | | | | | | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | | | | 96 mg/kg | 1.126 | 108.085 mg/kg | 0.0108 % | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | | | 1 | 28200 mg/kg | | 28200 mg/kg | 2.82 % | | |
| | 082-001-00-6 | | | | | | | | | |
| 7 | mercury { mercury dichloride } | | | | <1 mg/kg | 1.353 | <1.353 mg/kg | <0.000135 % | | <LOD |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | |
| 8 | nickel { nickel dihydroxide } | | | | 32 mg/kg | 1.579 | 50.544 mg/kg | 0.00505 % | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| | 034-002-00-8 | | | | | | | | | |
| 10 | zinc { zinc oxide } | | | | 11700 mg/kg | 1.245 | 14563.154 mg/kg | 1.456 % | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | |
| Total: | | | | | | | | 4.306 % | | |

Key

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

Classification of sample: TPC[1]

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

Sample details

| | |
|-------------------------------|---|
| Sample Name: | LoW Code: |
| TPC[1] | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: | Entry: |
| 1 m | 17 05 03 * (Soil and stones containing hazardous substances) |
| Moisture content: | |
| 14% (no correction) | |

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 2; H351 "Suspected of causing cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 1.06%)

HP 10: Toxic for reproduction "waste which has adverse effects on sexual function and fertility in adult males and females, as well as developmental toxicity in the offspring"

Hazard Statements hit:

Repr. 1A; H360Df "May damage the unborn child. Suspected of damaging fertility."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 1.06%)

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Risk phrases hit:

R50/53 "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinands:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 1.06%)

zinc oxide: (compound conc.: 0.246%)

Determinands

Moisture content: **14% No Moisture Correction applied (MC)**


| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|---|-----------|---|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | | | | 37 mg/kg | 1.32 | 48.852 mg/kg | 0.00489 % | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |
| 2 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | | 1.8 mg/kg | 13.43 | 24.174 mg/kg | 0.00242 % | | |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | |
| 3 | cadmium { cadmium sulfide } | | | 1 | 1.9 mg/kg | 1.285 | 2.442 mg/kg | 0.00019 % | | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------------------------|----------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 4 | Chromium (III) Sulphate | | | | 26 mg/kg | | 26 mg/kg | 0.0026 % | | |
| | | | 10101-53-8 | | | | | | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | | | | 129 mg/kg | 1.126 | 145.24 mg/kg | 0.0145 % | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | | | 1 | 10600 mg/kg | | 10600 mg/kg | 1.06 % | | |
| | 082-001-00-6 | | | | | | | | | |
| 7 | mercury { mercury dichloride } | | | | 1.2 mg/kg | 1.353 | 1.624 mg/kg | 0.000162 % | | |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | |
| 8 | nickel { nickel dihydroxide } | | | | 28 mg/kg | 1.579 | 44.226 mg/kg | 0.00442 % | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| | 034-002-00-8 | | | | | | | | | |
| 10 | zinc { zinc oxide } | | | | 1980 mg/kg | 1.245 | 2464.534 mg/kg | 0.246 % | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | |
| Total: | | | | | | | | 1.336 % | | |

Key

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

Classification of sample: TPC[2]

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

Sample details

| | |
|--------------------|--|
| Sample Name: | LoW Code: |
| TPC[2] | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: | Entry: 17 05 03 * (Soil and stones containing hazardous substances) |
| Composite m | |
| Moisture content: | |
| 20.9% | |
| (no correction) | |

Hazard properties

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Risk phrases hit:

R50/53 "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinands:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.146%)

zinc oxide: (compound conc.: 0.284%)

Determinands

Moisture content: 20.9% No Moisture Correction applied (MC)


| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|------------------|-----------|--|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | | | PH | | 7.8 pH | | 7.8 pH | 7.8 pH | | |
| 2 | | | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5 | | <2 mg/kg | 1.884 | <3.768 mg/kg | <0.000377 % | | <LOD |
| 3 | | | arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3 | | 115 mg/kg | 1.32 | 151.837 mg/kg | 0.0152 % | | |
| 4 | | | boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2 | | 2.1 mg/kg | 13.43 | 28.203 mg/kg | 0.00282 % | | |
| 5 | | | cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6 | 1 | 3.8 mg/kg | 1.285 | 4.884 mg/kg | 0.00038 % | | |
| 6 | | | Chromium (III) Sulphate 10101-53-8 | | 37 mg/kg | | 37 mg/kg | 0.0037 % | | |
| 7 | | | chromium { chromium(VI) oxide } 024-001-00-0 215-607-8 1333-82-0 | | <2 mg/kg | 1.923 | <3.846 mg/kg | <0.000385 % | | <LOD |
| 8 | | | copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1 | | 369 mg/kg | 1.126 | 415.453 mg/kg | 0.0415 % | | |
| 9 | | | lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6 | 1 | 1460 mg/kg | | 1460 mg/kg | 0.146 % | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------------------------|----------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 10 | mercury { mercury dichloride } | | | | <1 mg/kg | 1.353 | <1.353 mg/kg | <0.000135 % | | <LOD |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | |
| 11 | nickel { nickel dihydroxide } | | | | 76 mg/kg | 1.579 | 120.042 mg/kg | 0.012 % | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | |
| 12 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| | 034-002-00-8 | | | | | | | | | |
| 13 | vanadium { divanadium pentaoxide; vanadium pentoxide } | | | | 92 mg/kg | 1.785 | 164.237 mg/kg | 0.0164 % | | |
| | 023-001-00-8 | 215-239-8 | 1314-62-1 | | | | | | | |
| 14 | zinc { zinc oxide } | | | | 2280 mg/kg | 1.245 | 2837.948 mg/kg | 0.284 % | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | |
| 15 | phenol | | | | <2 mg/kg | | <2 mg/kg | <0.0002 % | | <LOD |
| | 604-001-00-2 | 203-632-7 | 108-95-2 | | | | | | | |
| 16 | naphthalene | | | | 0.27 mg/kg | | 0.27 mg/kg | 0.000027 % | | |
| | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | |
| 17 | acenaphthylene | | | | <0.1 mg/kg | | <0.1 mg/kg | <0.00001 % | | <LOD |
| | | 205-917-1 | 208-96-8 | | | | | | | |
| 18 | acenaphthene | | | | <0.1 mg/kg | | <0.1 mg/kg | <0.00001 % | | <LOD |
| | | 201-469-6 | 83-32-9 | | | | | | | |
| 19 | fluorene | | | | <0.1 mg/kg | | <0.1 mg/kg | <0.00001 % | | <LOD |
| | | 201-695-5 | 86-73-7 | | | | | | | |
| 20 | phenanthrene | | | | 1.43 mg/kg | | 1.43 mg/kg | 0.000143 % | | |
| | | 201-581-5 | 85-01-8 | | | | | | | |
| 21 | anthracene | | | | 0.2 mg/kg | | 0.2 mg/kg | 0.00002 % | | |
| | | 204-371-1 | 120-12-7 | | | | | | | |
| 22 | fluoranthene | | | | 2.3 mg/kg | | 2.3 mg/kg | 0.00023 % | | |
| | | 205-912-4 | 206-44-0 | | | | | | | |
| 23 | pyrene | | | | 1.94 mg/kg | | 1.94 mg/kg | 0.000194 % | | |
| | | 204-927-3 | 129-00-0 | | | | | | | |
| 24 | benzo[a]anthracene | | | | 0.95 mg/kg | | 0.95 mg/kg | 0.000095 % | | |
| | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | |
| 25 | chrysene | | | | 1.05 mg/kg | | 1.05 mg/kg | 0.000105 % | | |
| | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | |
| 26 | benzo[b]fluoranthene | | | | 1.25 mg/kg | | 1.25 mg/kg | 0.000125 % | | |
| | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | |
| 27 | benzo[k]fluoranthene | | | | 0.42 mg/kg | | 0.42 mg/kg | 0.000042 % | | |
| | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | |
| 28 | benzo[a]pyrene; benzo[def]chrysene | | | | 0.87 mg/kg | | 0.87 mg/kg | 0.000087 % | | |
| | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | |
| 29 | indeno[123-cd]pyrene | | | | 0.53 mg/kg | | 0.53 mg/kg | 0.000053 % | | |
| | | 205-893-2 | 193-39-5 | | | | | | | |
| 30 | 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 | | | | | | | |
| 31 | benzo[ghi]perylene | | | | 0.48 mg/kg | | 0.48 mg/kg | 0.000048 % | | |
| | | 205-883-8 | 191-24-2 | | | | | | | |
| Total: | | | | | | | | 0.525 % | | |

Key

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

Classification of sample: TPD

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

Sample details

| | |
|-------------------|--|
| Sample Name: | LoW Code: |
| TPD | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: | Entry: 17 05 03 * (Soil and stones containing hazardous substances) |
| 0.3 m | |
| Moisture content: | |
| 20.1% | |
| (no correction) | |

Hazard properties

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Risk phrases hit:

R50/53 "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.271%)

Determinands

Moisture content: 20.1% No Moisture Correction applied (MC)


| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|--|--------------------------------|---|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | | | | 19 mg/kg | 1.32 | 25.086 mg/kg | 0.00251 % | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |
| 2 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | | 2.6 mg/kg | 13.43 | 34.918 mg/kg | 0.00349 % | | |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | |
| 3 | cadmium { cadmium sulfide } | | | 1 | 0.6 mg/kg | 1.285 | 0.771 mg/kg | 0.00006 % | | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | |
| 4 | Chromium (III) Sulphate | | | | 26 mg/kg | | 26 mg/kg | 0.0026 % | | |
| | | | 10101-53-8 | | | | | | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | | | | 99 mg/kg | 1.126 | 111.463 mg/kg | 0.0111 % | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | | | 1 | 2710 mg/kg | | 2710 mg/kg | 0.271 % | | |
| | 082-001-00-6 | | | | | | | | | |
| 7 | mercury { mercury dichloride } | | | | <1 mg/kg | 1.353 | <1.353 mg/kg | <0.000135 % | | <LOD |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | |
| 8 | nickel { nickel dihydroxide } | | | | 24 mg/kg | 1.579 | 37.908 mg/kg | 0.00379 % | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| | 034-002-00-8 | | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|---------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 10 | zinc { zinc oxide } | | | | 606 mg/kg | 1.245 | 754.297 mg/kg | 0.0754 % | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | |
| Total: | | | | | | | | 0.371 % | | |

Key

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

Classification of sample: TPE

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

Sample details

| | | | |
|-------------------|---------------------------------|-----------|--|
| Sample Name: | TPE | LoW Code: | |
| Sample Depth: | 0.5 m | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content: | 20.8% (no correction) | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |

Hazard properties






None identified

Determinands

Moisture content: **20.8% No Moisture Correction applied (MC)**

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------------------------|---|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | | | | 40 mg/kg | 1.32 | 52.813 mg/kg | 0.00528 % | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |
| 2 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | | 2.1 mg/kg | 13.43 | 28.203 mg/kg | 0.00282 % | | |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | |
| 3 | cadmium { cadmium sulfide } | | | 1 | 1 mg/kg | 1.285 | 1.285 mg/kg | 0.0001 % | | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | |
| 4 | Chromium (III) Sulphate | | | | 65 mg/kg | | 65 mg/kg | 0.0065 % | | |
| | | | 10101-53-8 | | | | | | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | | | | 147 mg/kg | 1.126 | 165.506 mg/kg | 0.0166 % | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | | | 1 | 1090 mg/kg | | 1090 mg/kg | 0.109 % | | |
| | 082-001-00-6 | | | | | | | | | |
| 7 | mercury { mercury dichloride } | | | | <1 mg/kg | 1.353 | <1.353 mg/kg | <0.000135 % | | <LOD |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | |
| 8 | nickel { nickel dihydroxide } | | | | 39 mg/kg | 1.579 | 61.6 mg/kg | 0.00616 % | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| | 034-002-00-8 | | | | | | | | | |
| 10 | zinc { zinc oxide } | | | | 512 mg/kg | 1.245 | 637.294 mg/kg | 0.0637 % | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | |
| Total: | | | | | | | | 0.211 % | | |

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) |
|  | Determinand defined by classifier (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: TPE[1]

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

Sample details

| | | |
|--|-----------------------|---|
| Sample Name: TPE[1] | LoW Code: Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: 0.8 m | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| Moisture content: 16.3% (no correction) | | |

Hazard properties






None identified

Determinands

Moisture content: **16.3% No Moisture Correction applied (MC)**

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------|---|----------------------------------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | 34 mg/kg | 1.32 | 44.891 mg/kg | 0.00449 % | | |
| 2 | boron { boron tribromide/trichloride/trifluoride (combined) } | | 10294-33-4, 10294-34-5, 7637-07-2 | | 1.1 mg/kg | 13.43 | 14.773 mg/kg | 0.00148 % | | |
| 3 | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 0.9 mg/kg | 1.285 | 1.157 mg/kg | 0.00009 % | | |
| 4 | Chromium (III) Sulphate | | 10101-53-8 | | 32 mg/kg | | 32 mg/kg | 0.0032 % | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | 114 mg/kg | 1.126 | 128.351 mg/kg | 0.0128 % | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | 082-001-00-6 | | | 1960 mg/kg | | 1960 mg/kg | 0.196 % | | |
| 7 | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | <1 mg/kg | 1.353 | <1.353 mg/kg | <0.000135 % | | <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] | 30 mg/kg | 1.579 | 47.385 mg/kg | 0.00474 % | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| 10 | zinc { zinc oxide } | 030-013-00-7 | 215-222-5 | 1314-13-2 | 446 mg/kg | 1.245 | 555.142 mg/kg | 0.0555 % | | |
| Total: | | | | | | | | 0.279 % | | |

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) |
|  | Determinand defined by classifier (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: TPE[2]

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

Sample details

| | | |
|--|-----------------------|---|
| Sample Name: TPE[2] | LoW Code: Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: 1 m | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| Moisture content: 15.4% (no correction) | | |

Hazard properties






None identified

Determinands

Moisture content: **15.4%** No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------------------------|---|----------|-------------------|--------------|----------------|-------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | |
| 1 | arsenic { arsenic trioxide } | | | | 17 mg/kg | 1.32 | 22.446 mg/kg | 0.00224 % | | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | | |
| 2 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | | <1 mg/kg | 13.43 | <13.43 mg/kg | <0.00134 % | | <LOD | |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | | |
| 3 | cadmium { cadmium sulfide } | | | 1 | 0.3 mg/kg | 1.285 | 0.386 mg/kg | 0.00003 % | | | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | | |
| 4 | Chromium (III) Sulphate | | | | 20 mg/kg | | 20 mg/kg | 0.002 % | | | |
| | | | 10101-53-8 | | | | | | | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | | | | 34 mg/kg | 1.126 | 38.28 mg/kg | 0.00383 % | | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | | | 1 | 302 mg/kg | | 302 mg/kg | 0.0302 % | | | |
| | 082-001-00-6 | | | | | | | | | | |
| 7 | mercury { mercury dichloride } | | | | <1 mg/kg | 1.353 | <1.353 mg/kg | <0.000135 % | | <LOD | |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | | |
| 8 | nickel { nickel dihydroxide } | | | | 18 mg/kg | 1.579 | 28.431 mg/kg | 0.00284 % | | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD | |
| | 034-002-00-8 | | | | | | | | | | |
| 10 | zinc { zinc oxide } | | | | 131 mg/kg | 1.245 | 163.058 mg/kg | 0.0163 % | | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | |
| Total: | | | | | | | | 0.0597 % | | | |

Key

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

Classification of sample: TPE[3]

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

Sample details

| | | |
|--------------------|-----------|---|
| Sample Name: | LoW Code: | |
| TPE[3] | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| Composite m | | |
| Moisture content: | | |
| 17.9% | | |
| (no correction) | | |

Hazard properties

None identified

Determinands

Moisture content: 17.9% No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|------------------|--|----------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | • | pH | | | 8.1 pH | | 8.1 pH | 8.1 pH | | |
| 2 | • | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } | | | <2 mg/kg | 1.884 | <3.768 mg/kg | <0.000377 % | | <LOD |
| | | 006-007-00-5 | | | | | | | | |
| 3 | • | arsenic { arsenic trioxide } | | | 33 mg/kg | 1.32 | 43.571 mg/kg | 0.00436 % | | |
| | | 033-003-00-0 | 215-481-4 | | | | | | | |
| 4 | • | boron { boron tribromide/trichloride/trifluoride (combined) } | | | <1 mg/kg | 13.43 | <13.43 mg/kg | <0.00134 % | | <LOD |
| | | | | | | | | | | |
| | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | | |
| 5 | • | cadmium { cadmium sulfide } | | 1 | 1.1 mg/kg | 1.285 | 1.414 mg/kg | 0.00011 % | | |
| | | 048-010-00-4 | 215-147-8 | | | | | | | |
| 6 | • | Chromium (III) Sulphate | | | 28 mg/kg | | 28 mg/kg | 0.0028 % | | |
| | | | 10101-53-8 | | | | | | | |
| 7 | • | chromium { chromium(VI) oxide } | | | <2 mg/kg | 1.923 | <3.846 mg/kg | <0.000385 % | | <LOD |
| | | 024-001-00-0 | 215-607-8 | | | | | | | |
| 8 | • | copper { dicopper oxide; copper (I) oxide } | | | 133 mg/kg | 1.126 | 149.743 mg/kg | 0.015 % | | |
| | | 029-002-00-X | 215-270-7 | | | | | | | |
| | | 1317-39-1 | | | | | | | | |
| 9 | • | lead { lead compounds with the exception of those specified elsewhere in this Annex } | | 1 | 909 mg/kg | | 909 mg/kg | 0.0909 % | | |
| | | 082-001-00-6 | | | | | | | | |
| 10 | • | mercury { mercury dichloride } | | | <1 mg/kg | 1.353 | <1.353 mg/kg | <0.000135 % | | <LOD |
| | | 080-010-00-X | 231-299-8 | | | | | | | |
| | | | 7487-94-7 | | | | | | | |
| 11 | • | nickel { nickel dihydroxide } | | | 27 mg/kg | 1.579 | 42.646 mg/kg | 0.00426 % | | |
| | | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | | | | | | | |
| | | | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|----|---|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 12 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8 | | | | <3 | mg/kg | 2.554 | <7.661 | mg/kg | <0.000766 % | | <LOD |
| 13 | vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1 | | | | 55 | mg/kg | 1.785 | 98.185 | mg/kg | 0.00982 % | | |
| 14 | zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2 | | | | 452 | mg/kg | 1.245 | 562.611 | mg/kg | 0.0563 % | | |
| 15 | phenol 604-001-00-2 203-632-7 108-95-2 | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| 16 | naphthalene 601-052-00-2 202-049-5 91-20-3 | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 17 | acenaphthylene 205-917-1 208-96-8 | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 18 | acenaphthene 201-469-6 83-32-9 | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 19 | fluorene 201-695-5 86-73-7 | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 20 | phenanthrene 201-581-5 85-01-8 | | | | 1.32 | mg/kg | | 1.32 | mg/kg | 0.000132 % | | |
| 21 | anthracene 204-371-1 120-12-7 | | | | 0.26 | mg/kg | | 0.26 | mg/kg | 0.000026 % | | |
| 22 | fluoranthene 205-912-4 206-44-0 | | | | 3.19 | mg/kg | | 3.19 | mg/kg | 0.000319 % | | |
| 23 | pyrene 204-927-3 129-00-0 | | | | 2.82 | mg/kg | | 2.82 | mg/kg | 0.000282 % | | |
| 24 | benzo[a]anthracene 601-033-00-9 200-280-6 56-55-3 | | | | 1.62 | mg/kg | | 1.62 | mg/kg | 0.000162 % | | |
| 25 | chrysene 601-048-00-0 205-923-4 218-01-9 | | | | 1.57 | mg/kg | | 1.57 | mg/kg | 0.000157 % | | |
| 26 | benzo[b]fluoranthene 601-034-00-4 205-911-9 205-99-2 | | | | 2.06 | mg/kg | | 2.06 | mg/kg | 0.000206 % | | |
| 27 | benzo[k]fluoranthene 601-036-00-5 205-916-6 207-08-9 | | | | 0.72 | mg/kg | | 0.72 | mg/kg | 0.000072 % | | |
| 28 | benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 200-028-5 50-32-8 | | | | 1.52 | mg/kg | | 1.52 | mg/kg | 0.000152 % | | |
| 29 | indeno[123-cd]pyrene 205-893-2 193-39-5 | | | | 0.89 | mg/kg | | 0.89 | mg/kg | 0.000089 % | | |
| 30 | dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3 | | | | 0.17 | mg/kg | | 0.17 | mg/kg | 0.000017 % | | |
| 31 | benzo[ghi]perylene 205-883-8 191-24-2 | | | | 0.79 | mg/kg | | 0.79 | mg/kg | 0.000079 % | | |
| 32 | benzene 601-020-00-8 200-753-7 71-43-2 | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| 33 | toluene 601-021-00-3 203-625-9 108-88-3 | | | | <5 | mg/kg | | <5 | mg/kg | <0.0005 % | | <LOD |
| 34 | ethylbenzene 601-023-00-4 202-849-4 100-41-4 | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| 35 | xylene 601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] 203-576-3 [3] 108-38-3 [3] 215-535-7 [4] 1330-20-7 [4] | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| 36 | o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] 601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] 203-576-3 [3] 108-38-3 [3] 215-535-7 [4] 1330-20-7 [4] | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| 37 | diesel petroleum group 68334-30-5, 68476-34-6, | | | | <42 | mg/kg | | <42 | mg/kg | <0.0042 % | | <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 | | | | | | | |
| | | | 94114-59-7, 1159170-26-9 | | | | | | | |
| 38 | • | TPH (C6 to C40) petroleum group | | | <42 mg/kg | | <42 mg/kg | <0.0042 % | | <LOD |
| | | | TPH | | | | | | | |
| Total: | | | | | | | | 0.198 % | | |

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)
- Determinand defined by classifier (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD** Below limit of detection
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TPF

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

Sample details

| | | |
|--|-----------------------|---|
| Sample Name: TPF | LoW Code: Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: 0.3 m | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| Moisture content: 18.5% (no correction) | | |

Hazard properties

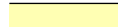




None identified

Determinands


Moisture content: 18.5% No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------|--------------------------------|---|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | 22 mg/kg | 1.32 | 29.047 mg/kg | 0.0029 % | | |
| 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 | 0.8 mg/kg | 1.285 | 1.028 mg/kg | 0.00008 % | | |
| 4 | Chromium (III) Sulphate | | | 10101-53-8 | 17 mg/kg | | 17 mg/kg | 0.0017 % | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | 301 mg/kg | 1.126 | 338.892 mg/kg | 0.0339 % | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | 082-001-00-6 | | | 1140 mg/kg | | 1140 mg/kg | 0.114 % | | |
| 7 | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | <1 mg/kg | 1.353 | <1.353 mg/kg | <0.000135 % | | <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 mg/kg | 1.579 | 25.272 mg/kg | 0.00253 % | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| 10 | zinc { zinc oxide } | 030-013-00-7 | 215-222-5 | 1314-13-2 | 598 mg/kg | 1.245 | 744.339 mg/kg | 0.0744 % | | |
| Total: | | | | | | | | 0.232 % | | |

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) |
|  | Determinand defined by classifier (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: TPF[1]



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

Sample details

| | | |
|-------------------|-----------|---|
| Sample Name: | LoW Code: | |
| TPF[1] | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: | Entry: | 17 05 03 * (Soil and stones containing hazardous substances) |
| 0.5 m | | |
| Moisture content: | | |
| 8.9% | | |
| (no correction) | | |

Hazard properties

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Risk phrases hit:

R50/53 "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinands:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.275%)

zinc oxide: (compound conc.: 0.127%)

Determinands

Moisture content: **8.9%** No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|--|--------------|--------------------------------|---|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | 25 mg/kg | 1.32 | 33.008 mg/kg | 0.0033 % | | |
| 2 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | 10294-33-4, 10294-34-5, 7637-07-2 | 1.2 mg/kg | 13.43 | 16.116 mg/kg | 0.00161 % | | |
| 3 | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 1 mg/kg | 1.285 | 1.285 mg/kg | 0.0001 % | | |
| 4 | Chromium (III) Sulphate | | | 10101-53-8 | 19 mg/kg | | 19 mg/kg | 0.0019 % | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | 536 mg/kg | 1.126 | 603.476 mg/kg | 0.0603 % | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | 082-001-00-6 | | | 2750 mg/kg | | 2750 mg/kg | 0.275 % | | |
| 7 | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | 1.9 mg/kg | 1.353 | 2.572 mg/kg | 0.000257 % | | |
| 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 mg/kg | 1.579 | 25.272 mg/kg | 0.00253 % | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <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 | | | | | | | | |
| 10 | zinc { zinc oxide } | | | | 1020 mg/kg | 1.245 | 1269.608 mg/kg | | 0.127 % | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | |
| | | | | | | | | Total: | 0.473 % | | |

Key

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

Classification of sample: TPG

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

Sample details

| | | |
|--|-----------------------|---|
| Sample Name: TPG | LoW Code: Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: 0.3 m | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| Moisture content: 11.4% (no correction) | | |

Hazard properties

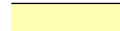




None identified

Determinands

Moisture content: 11.4% No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------|--------------------------------|---|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | 19 mg/kg | 1.32 | 25.086 mg/kg | 0.00251 % | | |
| 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 % | | <LOD |
| 3 | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 0.7 mg/kg | 1.285 | 0.9 mg/kg | 0.00007 % | | |
| 4 | Chromium (III) Sulphate | | | 10101-53-8 | 22 mg/kg | | 22 mg/kg | 0.0022 % | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | 70 mg/kg | 1.126 | 78.812 mg/kg | 0.00788 % | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | 082-001-00-6 | | | 483 mg/kg | | 483 mg/kg | 0.0483 % | | |
| 7 | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | 1.1 mg/kg | 1.353 | 1.489 mg/kg | 0.000149 % | | |
| 8 | nickel { nickel dihydroxide } | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | 20 mg/kg | 1.579 | 31.59 mg/kg | 0.00316 % | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| 10 | zinc { zinc oxide } | 030-013-00-7 | 215-222-5 | 1314-13-2 | 302 mg/kg | 1.245 | 375.904 mg/kg | 0.0376 % | | |
| Total: | | | | | | | | 0.104 % | | |

Key

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

Classification of sample: TPG[1]

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

Sample details

| | | |
|--|-----------------------|---|
| Sample Name: TPG[1] | LoW Code: Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: 0.5 m | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| Moisture content: 12.5% (no correction) | | |

Hazard properties






None identified

Determinands


Moisture content: **12.5%** No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------|--------------------------------|---|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | 19 mg/kg | 1.32 | 25.086 mg/kg | 0.00251 % | | |
| 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 % | | <LOD |
| 3 | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 1.1 mg/kg | 1.285 | 1.414 mg/kg | 0.00011 % | | |
| 4 | Chromium (III) Sulphate | | | 10101-53-8 | 23 mg/kg | | 23 mg/kg | 0.0023 % | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | 119 mg/kg | 1.126 | 133.981 mg/kg | 0.0134 % | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | 082-001-00-6 | | | 1250 mg/kg | | 1250 mg/kg | 0.125 % | | |
| 7 | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | <1 mg/kg | 1.353 | <1.353 mg/kg | <0.000135 % | | <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] | 15 mg/kg | 1.579 | 23.692 mg/kg | 0.00237 % | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| 10 | zinc { zinc oxide } | 030-013-00-7 | 215-222-5 | 1314-13-2 | 770 mg/kg | 1.245 | 958.43 mg/kg | 0.0958 % | | |
| Total: | | | | | | | | 0.244 % | | |

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) |
|  | Determinand defined by classifier (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: TPG[2]

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

Sample details

| | | |
|-------------------|-----------|---|
| Sample Name: | LoW Code: | |
| TPG[2] | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: | Entry: | 17 05 03 * (Soil and stones containing hazardous substances) |
| 0.8 m | | |
| Moisture content: | | |
| 13.3% | | |
| (no correction) | | |

Hazard properties

HP 10: Toxic for reproduction "waste which has adverse effects on sexual function and fertility in adult males and females, as well as developmental toxicity in the offspring"

Hazard Statements hit:

Repr. 1A; H360Df "May damage the unborn child. Suspected of damaging fertility."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.314%)

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Risk phrases hit:

R50/53 "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinands:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.314%)

zinc oxide: (compound conc.: 1.344%)


Determinands

Moisture content: 13.3% No Moisture Correction applied (MC)


| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|---|-----------|---|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | | | | 34 mg/kg | 1.32 | 44.891 mg/kg | 0.00449 % | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |
| 2 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | | <1 mg/kg | 13.43 | <13.43 mg/kg | <0.00134 % | | <LOD |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | |
| 3 | cadmium { cadmium sulfide } | | | 1 | 4 mg/kg | 1.285 | 5.141 mg/kg | 0.0004 % | | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | |
| 4 | Chromium (III) Sulphate | | | | 27 mg/kg | | 27 mg/kg | 0.0027 % | | |
| | | | 10101-53-8 | | | | | | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | | | | 119 mg/kg | 1.126 | 133.981 mg/kg | 0.0134 % | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | | | 1 | 3140 mg/kg | | 3140 mg/kg | 0.314 % | | |
| | 082-001-00-6 | | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|----------------------------------|----------|-------------------|--------------|-----------------|--|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | |
| 7 | mercury { mercury dichloride } | | | | <1 mg/kg | 1.353 | <1.353 mg/kg | | <0.000135 % | | <LOD |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | | |
| 8 | nickel { nickel dihydroxide } | | | | 33 mg/kg | 1.579 | 52.123 mg/kg | | 0.00521 % | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | | | | <3 mg/kg | 2.554 | <7.661 mg/kg | | <0.000766 % | | <LOD |
| | 034-002-00-8 | | | | | | | | | | |
| 10 | zinc { zinc oxide } | | | | 10800 mg/kg | 1.245 | 13442.911 mg/kg | | 1.344 % | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | |
| | | | | | | | Total: | | 1.687 % | | |

Key

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

Classification of sample: TPG[3]



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

Sample details

| | | |
|-------------------|-----------|---|
| Sample Name: | LoW Code: | |
| TPG[3] | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: | Entry: | 17 05 03 * (Soil and stones containing hazardous substances) |
| 1 m | | |
| Moisture content: | | |
| 10.7% | | |
| (no correction) | | |

Hazard properties

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Risk phrases hit:

R50/53 "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinands:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.102%)

zinc oxide: (compound conc.: 0.696%)

Determinands

Moisture content: 10.7% No Moisture Correction applied (MC)


| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|--|--------------------------------|---|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | | | | 23 mg/kg | 1.32 | 30.367 mg/kg | 0.00304 % | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |
| 2 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | | <1 mg/kg | 13.43 | <13.43 mg/kg | <0.00134 % | | <LOD |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | |
| 3 | cadmium { cadmium sulfide } | | | 1 | 3.1 mg/kg | 1.285 | 3.984 mg/kg | 0.00031 % | | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | |
| 4 | Chromium (III) Sulphate | | | | 19 mg/kg | | 19 mg/kg | 0.0019 % | | |
| | | | 10101-53-8 | | | | | | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | | | | 71 mg/kg | 1.126 | 79.938 mg/kg | 0.00799 % | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | | | 1 | 1020 mg/kg | | 1020 mg/kg | 0.102 % | | |
| | 082-001-00-6 | | | | | | | | | |
| 7 | mercury { mercury dichloride } | | | | 1.5 mg/kg | 1.353 | 2.03 mg/kg | 0.000203 % | | |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | |
| 8 | nickel { nickel dihydroxide } | | | | 24 mg/kg | 1.579 | 37.908 mg/kg | 0.00379 % | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| | 034-002-00-8 | | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|--------|---------------------|-----------|------------|----------|-------------------|--------------|----------------|--|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | |
| 10 | zinc { zinc oxide } | | | | 5590 mg/kg | 1.245 | 6957.951 mg/kg | | 0.696 % | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | |
| Total: | | | | | | | | | 0.817 % | | |

Key

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

Classification of sample: TPG[4]

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

Sample details

| | | |
|-------------------|-----------|---|
| Sample Name: | LoW Code: | |
| TPG[4] | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: | Entry: | 17 05 03 * (Soil and stones containing hazardous substances) |
| 1.2 m | | |
| Moisture content: | | |
| 15.2% | | |
| (no correction) | | |

Hazard properties

HP 10: Toxic for reproduction "waste which has adverse effects on sexual function and fertility in adult males and females, as well as developmental toxicity in the offspring"

Hazard Statements hit:

Repr. 1A; H360Df "May damage the unborn child. Suspected of damaging fertility."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.368%)

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Risk phrases hit:

R50/53 "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinands:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.368%)

zinc oxide: (compound conc.: 0.297%)

Determinands

Moisture content: **15.2% No Moisture Correction applied (MC)**


| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|---|-----------|---|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | | | | 25 mg/kg | 1.32 | 33.008 mg/kg | 0.0033 % | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |
| 2 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | | <1 mg/kg | 13.43 | <13.43 mg/kg | <0.00134 % | | <LOD |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | |
| 3 | cadmium { cadmium sulfide } | | | 1 | 1.2 mg/kg | 1.285 | 1.542 mg/kg | 0.00012 % | | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | |
| 4 | Chromium (III) Sulphate | | | | 25 mg/kg | | 25 mg/kg | 0.0025 % | | |
| | | | 10101-53-8 | | | | | | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | | | | 254 mg/kg | 1.126 | 285.976 mg/kg | 0.0286 % | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | | | 1 | 3680 mg/kg | | 3680 mg/kg | 0.368 % | | |
| | 082-001-00-6 | | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------------------------|----------------------------------|----------|-------------------|--------------|----------------|-------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | |
| 7 | mercury { mercury dichloride } | | | | 2.7 mg/kg | 1.353 | 3.654 mg/kg | 0.000365 % | | | |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | | |
| 8 | nickel { nickel dihydroxide } | | | | 20 mg/kg | 1.579 | 31.59 mg/kg | 0.00316 % | | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD | |
| | 034-002-00-8 | | | | | | | | | | |
| 10 | zinc { zinc oxide } | | | | 2390 mg/kg | 1.245 | 2974.866 mg/kg | 0.297 % | | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | |
| Total: | | | | | | | | 0.706 % | | | |

Key

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

Classification of sample: TPG[5]



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

Sample details

| | | |
|--------------------|-----------|---|
| Sample Name: | LoW Code: | |
| TPG[5] | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: | Entry: | 17 05 03 * (Soil and stones containing hazardous substances) |
| Composite m | | |
| Moisture content: | | |
| 13.2% | | |
| (no correction) | | |

Hazard properties

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Risk phrases hit:

R50/53 "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinands:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.176%)

zinc oxide: (compound conc.: 0.116%)

Determinands

Moisture content: 13.2% No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|--|-----------|---|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | pH | | PH | | 7.9 pH | | 7.9 pH | 7.9 pH | | |
| 2 | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } | | | | <2 mg/kg | 1.884 | <3.768 mg/kg | <0.000377 % | | <LOD |
| 3 | arsenic { arsenic trioxide } | | | | 21 mg/kg | 1.32 | 27.727 mg/kg | 0.00277 % | | |
| 4 | 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 % | | <LOD |
| 5 | cadmium { cadmium sulfide } | | | 1 | 1 mg/kg | 1.285 | 1.285 mg/kg | 0.0001 % | | |
| 6 | Chromium (III) Sulphate | | 10101-53-8 | | 25 mg/kg | | 25 mg/kg | 0.0025 % | | |
| 7 | chromium { chromium(VI) oxide } | | | | <2 mg/kg | 1.923 | <3.846 mg/kg | <0.000385 % | | <LOD |
| 8 | copper { dicopper oxide; copper (I) oxide } | | | | 96 mg/kg | 1.126 | 108.085 mg/kg | 0.0108 % | | |
| 9 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | | | 1 | 1760 mg/kg | | 1760 mg/kg | 0.176 % | | |


| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|----|--|--|--|----------|-------------------|--------------|----------------|--|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | |
| 10 | mercury { mercury dichloride } | | | | <1 mg/kg | 1.353 | <1.353 mg/kg | | <0.000135 % | | <LOD |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | | |
| 11 | nickel { nickel dihydroxide } | | | | 22 mg/kg | 1.579 | 34.749 mg/kg | | 0.00347 % | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | | |
| 12 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | | | | <3 mg/kg | 2.554 | <7.661 mg/kg | | <0.000766 % | | <LOD |
| | 034-002-00-8 | | | | | | | | | | |
| 13 | vanadium { divanadium pentaoxide; vanadium pentoxide } | | | | 41 mg/kg | 1.785 | 73.193 mg/kg | | 0.00732 % | | |
| | 023-001-00-8 | 215-239-8 | 1314-62-1 | | | | | | | | |
| 14 | zinc { zinc oxide } | | | | 932 mg/kg | 1.245 | 1160.073 mg/kg | | 0.116 % | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | |
| 15 | phenol | | | | <2 mg/kg | | <2 mg/kg | | <0.0002 % | | <LOD |
| | 604-001-00-2 | 203-632-7 | 108-95-2 | | | | | | | | |
| 16 | naphthalene | | | | <0.1 mg/kg | | <0.1 mg/kg | | <0.00001 % | | <LOD |
| | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | |
| 17 | acenaphthylene | | | | <0.1 mg/kg | | <0.1 mg/kg | | <0.00001 % | | <LOD |
| | | 205-917-1 | 208-96-8 | | | | | | | | |
| 18 | acenaphthene | | | | <0.1 mg/kg | | <0.1 mg/kg | | <0.00001 % | | <LOD |
| | | 201-469-6 | 83-32-9 | | | | | | | | |
| 19 | fluorene | | | | <0.1 mg/kg | | <0.1 mg/kg | | <0.00001 % | | <LOD |
| | | 201-695-5 | 86-73-7 | | | | | | | | |
| 20 | phenanthrene | | | | 0.98 mg/kg | | 0.98 mg/kg | | 0.000098 % | | |
| | | 201-581-5 | 85-01-8 | | | | | | | | |
| 21 | anthracene | | | | 0.18 mg/kg | | 0.18 mg/kg | | 0.000018 % | | |
| | | 204-371-1 | 120-12-7 | | | | | | | | |
| 22 | fluoranthene | | | | 2.11 mg/kg | | 2.11 mg/kg | | 0.000211 % | | |
| | | 205-912-4 | 206-44-0 | | | | | | | | |
| 23 | pyrene | | | | 1.85 mg/kg | | 1.85 mg/kg | | 0.000185 % | | |
| | | 204-927-3 | 129-00-0 | | | | | | | | |
| 24 | benzo[a]anthracene | | | | 1.11 mg/kg | | 1.11 mg/kg | | 0.000111 % | | |
| | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | |
| 25 | chrysene | | | | 1.11 mg/kg | | 1.11 mg/kg | | 0.000111 % | | |
| | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | |
| 26 | benzo[b]fluoranthene | | | | 1.5 mg/kg | | 1.5 mg/kg | | 0.00015 % | | |
| | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | |
| 27 | benzo[k]fluoranthene | | | | 0.51 mg/kg | | 0.51 mg/kg | | 0.000051 % | | |
| | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | |
| 28 | benzo[a]pyrene; benzo[def]chrysene | | | | 1.14 mg/kg | | 1.14 mg/kg | | 0.000114 % | | |
| | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | |
| 29 | indeno[123-cd]pyrene | | | | 0.74 mg/kg | | 0.74 mg/kg | | 0.000074 % | | |
| | | 205-893-2 | 193-39-5 | | | | | | | | |
| 30 | dibenz[a,h]anthracene | | | | 0.12 mg/kg | | 0.12 mg/kg | | 0.000012 % | | |
| | 601-041-00-2 | 200-181-8 | 53-70-3 | | | | | | | | |
| 31 | benzo[ghi]perylene | | | | 0.74 mg/kg | | 0.74 mg/kg | | 0.000074 % | | |
| | | 205-883-8 | 191-24-2 | | | | | | | | |
| 32 | benzene | | | | <2 mg/kg | | <2 mg/kg | | <0.0002 % | | <LOD |
| | 601-020-00-8 | 200-753-7 | 71-43-2 | | | | | | | | |
| 33 | toluene | | | | <5 mg/kg | | <5 mg/kg | | <0.0005 % | | <LOD |
| | 601-021-00-3 | 203-625-9 | 108-88-3 | | | | | | | | |
| 34 | ethylbenzene | | | | <2 mg/kg | | <2 mg/kg | | <0.0002 % | | <LOD |
| | 601-023-00-4 | 202-849-4 | 100-41-4 | | | | | | | | |
| 35 | xylene | | | | <2 mg/kg | | <2 mg/kg | | <0.0002 % | | <LOD |
| | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4] | 95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4] | | | | | | | | |
| 36 | o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] | | | | <2 mg/kg | | <2 mg/kg | | <0.0002 % | | <LOD |
| | 601-022-00-9 | 202-422-2 [1] 203-396-5 [2] | 95-47-6 [1] 106-42-3 [2] | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------|---|---|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| | | 203-576-3 [3] 215-535-7 [4] | 108-38-3 [3] 1330-20-7 [4] | | | | | | | |
| 37 | | <ul style="list-style-type: none"> diesel petroleum group | | | <42 mg/kg | | <42 mg/kg | <0.0042 % | | <LOD |
| | | | 68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9 | | | | | | | |
| 38 | | <ul style="list-style-type: none"> TPH (C6 to C40) petroleum group | | | <42 mg/kg | | <42 mg/kg | <0.0042 % | | <LOD |
| | | | TPH | | | | | | | |
| Total: | | | | | | | | 0.333 % | | |

Key

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

Classification of sample: TPH

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

Sample details

| | |
|-------------------|--|
| Sample Name: | LoW Code: |
| TPH | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: | Entry: 17 05 03 * (Soil and stones containing hazardous substances) |
| 0.5 m | |
| Moisture content: | |
| 12.6% | |
| (no correction) | |

Hazard properties

HP 10: Toxic for reproduction "waste which has adverse effects on sexual function and fertility in adult males and females, as well as developmental toxicity in the offspring"

Hazard Statements hit:

Repr. 1A; H360Df "May damage the unborn child. Suspected of damaging fertility."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.308%)

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Risk phrases hit:

R50/53 "Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment"

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex: (Note 1 conc.: 0.308%)

Determinands

Moisture content: 12.6% No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|---|---|-----------|---|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 1 | arsenic { arsenic trioxide } | | | | 19 | mg/kg | 1.32 | 25.086 | mg/kg | 0.00251 % | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | | | |
| 2 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | | <1 | mg/kg | 13.43 | <13.43 | mg/kg | <0.00134 % | | <LOD |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | | | |
| 3 | cadmium { cadmium sulfide } | | | 1 | 1.1 | mg/kg | 1.285 | 1.414 | mg/kg | 0.00011 % | | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | | | |
| 4 | Chromium (III) Sulphate | | | | 28 | mg/kg | | 28 | mg/kg | 0.0028 % | | |
| | | | 10101-53-8 | | | | | | | | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | | | | 400 | mg/kg | 1.126 | 450.355 | mg/kg | 0.045 % | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | | | 1 | 3080 | mg/kg | | 3080 | mg/kg | 0.308 % | | |
| | 082-001-00-6 | | | | | | | | | | | |
| 7 | mercury { mercury dichloride } | | | | <1 | mg/kg | 1.353 | <1.353 | mg/kg | <0.000135 % | | <LOD |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------------------------|----------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 8 | nickel { nickel dihydroxide } | | | | | | | | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | 22 mg/kg | 1.579 | 34.749 mg/kg | 0.00347 % | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | | | | | | | | | |
| | 034-002-00-8 | | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| 10 | zinc { zinc oxide } | | | | | | | | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | 732 mg/kg | 1.245 | 911.131 mg/kg | 0.0911 % | | |
| Total: | | | | | | | | 0.455 % | | |

Key

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

Classification of sample: TPH[1]

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

Sample details

| | | |
|--|-----------------------|---|
| Sample Name: TPH[1] | LoW Code: Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: 1 m | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| Moisture content: 18.9% (no correction) | | |

Hazard properties






None identified

Determinands

Moisture content: **18.9% No Moisture Correction applied (MC)**

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------|---|----------------------------------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | 16 mg/kg | 1.32 | 21.125 mg/kg | 0.00211 % | | |
| 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 % | | <LOD |
| 3 | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 0.9 mg/kg | 1.285 | 1.157 mg/kg | 0.00009 % | | |
| 4 | Chromium (III) Sulphate | | 10101-53-8 | | 36 mg/kg | | 36 mg/kg | 0.0036 % | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | 321 mg/kg | 1.126 | 361.41 mg/kg | 0.0361 % | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | 082-001-00-6 | | | 524 mg/kg | | 524 mg/kg | 0.0524 % | | |
| 7 | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | <1 mg/kg | 1.353 | <1.353 mg/kg | <0.000135 % | | <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] | 33 mg/kg | 1.579 | 52.123 mg/kg | 0.00521 % | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| 10 | zinc { zinc oxide } | 030-013-00-7 | 215-222-5 | 1314-13-2 | 894 mg/kg | 1.245 | 1112.774 mg/kg | 0.111 % | | |
| Total: | | | | | | | | 0.213 % | | |

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) |
|  | Determinand defined by classifier (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: TPH[2]

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

Sample details

| | | |
|--------------------|-----------|---|
| Sample Name: | LoW Code: | |
| TPH[2] | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| Composite m | | |
| Moisture content: | | |
| 15.7% | | |
| (no correction) | | |

Hazard properties

None identified

Determinands

Moisture content: **15.7%** No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|------------------|--|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | • | pH | | | 8.3 pH | | 8.3 pH | 8.3 pH | | |
| 2 | • | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } | | | <2 mg/kg | 1.884 | <3.768 mg/kg | <0.000377 % | | <LOD |
| 3 | • | arsenic { arsenic trioxide } | | | 23 mg/kg | 1.32 | 30.367 mg/kg | 0.00304 % | | |
| 4 | • | boron { boron tribromide/trichloride/trifluoride (combined) } | | | <1 mg/kg | 13.43 | <13.43 mg/kg | <0.00134 % | | <LOD |
| 5 | • | cadmium { cadmium sulfide } | | 1 | 1.2 mg/kg | 1.285 | 1.542 mg/kg | 0.00012 % | | |
| 6 | • | Chromium (III) Sulphate | | | 31 mg/kg | | 31 mg/kg | 0.0031 % | | |
| 7 | • | chromium { chromium(VI) oxide } | | | <2 mg/kg | 1.923 | <3.846 mg/kg | <0.000385 % | | <LOD |
| 8 | • | copper { dicopper oxide; copper (I) oxide } | | | 156 mg/kg | 1.126 | 175.639 mg/kg | 0.0176 % | | |
| 9 | • | lead { lead compounds with the exception of those specified elsewhere in this Annex } | | 1 | 971 mg/kg | | 971 mg/kg | 0.0971 % | | |
| 10 | • | mercury { mercury dichloride } | | | <1 mg/kg | 1.353 | <1.353 mg/kg | <0.000135 % | | <LOD |
| 11 | • | nickel { nickel dihydroxide } | | | 29 mg/kg | 1.579 | 45.805 mg/kg | 0.00458 % | | |

| # | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|--------|--|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 12 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8 | | | | <3 | mg/kg | 2.554 | <7.661 | mg/kg | <0.000766 % | | <LOD |
| 13 | vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1 | | | | 51 | mg/kg | 1.785 | 91.044 | mg/kg | 0.0091 % | | |
| 14 | zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2 | | | | 690 | mg/kg | 1.245 | 858.853 | mg/kg | 0.0859 % | | |
| 15 | phenol 604-001-00-2 203-632-7 108-95-2 | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| 16 | naphthalene 601-052-00-2 202-049-5 91-20-3 | | | | 0.13 | mg/kg | | 0.13 | mg/kg | 0.000013 % | | |
| 17 | acenaphthylene 205-917-1 208-96-8 | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 18 | acenaphthene 201-469-6 83-32-9 | | | | 0.13 | mg/kg | | 0.13 | mg/kg | 0.000013 % | | |
| 19 | fluorene 201-695-5 86-73-7 | | | | 0.13 | mg/kg | | 0.13 | mg/kg | 0.000013 % | | |
| 20 | phenanthrene 201-581-5 85-01-8 | | | | 2.28 | mg/kg | | 2.28 | mg/kg | 0.000228 % | | |
| 21 | anthracene 204-371-1 120-12-7 | | | | 0.51 | mg/kg | | 0.51 | mg/kg | 0.000051 % | | |
| 22 | fluoranthene 205-912-4 206-44-0 | | | | 5.5 | mg/kg | | 5.5 | mg/kg | 0.00055 % | | |
| 23 | pyrene 204-927-3 129-00-0 | | | | 4.62 | mg/kg | | 4.62 | mg/kg | 0.000462 % | | |
| 24 | benzo[a]anthracene 601-033-00-9 200-280-6 56-55-3 | | | | 2.62 | mg/kg | | 2.62 | mg/kg | 0.000262 % | | |
| 25 | chrysene 601-048-00-0 205-923-4 218-01-9 | | | | 2.47 | mg/kg | | 2.47 | mg/kg | 0.000247 % | | |
| 26 | benzo[b]fluoranthene 601-034-00-4 205-911-9 205-99-2 | | | | 2.87 | mg/kg | | 2.87 | mg/kg | 0.000287 % | | |
| 27 | benzo[k]fluoranthene 601-036-00-5 205-916-6 207-08-9 | | | | 0.95 | mg/kg | | 0.95 | mg/kg | 0.000095 % | | |
| 28 | benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 200-028-5 50-32-8 | | | | 2.12 | mg/kg | | 2.12 | mg/kg | 0.000212 % | | |
| 29 | indeno[123-cd]pyrene 205-893-2 193-39-5 | | | | 1.14 | mg/kg | | 1.14 | mg/kg | 0.000114 % | | |
| 30 | dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3 | | | | 0.24 | mg/kg | | 0.24 | mg/kg | 0.000024 % | | |
| 31 | benzo[ghi]perylene 205-883-8 191-24-2 | | | | 1 | mg/kg | | 1 | mg/kg | 0.0001 % | | |
| Total: | | | | | | | | | | 0.226 % | | |

Key

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

Classification of sample: TPI

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

Sample details

| | | |
|-------------------|-----------|---|
| Sample Name: | LoW Code: | |
| TPI | Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| 0.5 m | | |
| Moisture content: | | |
| 18.6% | | |
| (no correction) | | |

Hazard properties






None identified

Determinands

Moisture content: 18.6% No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------|---|----------------------------------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | 15 mg/kg | 1.32 | 19.805 mg/kg | 0.00198 % | | |
| 2 | boron { boron tribromide/trichloride/trifluoride (combined) } | | 10294-33-4, 10294-34-5, 7637-07-2 | | 1.1 mg/kg | 13.43 | 14.773 mg/kg | 0.00148 % | | |
| 3 | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 0.6 mg/kg | 1.285 | 0.771 mg/kg | 0.00006 % | | |
| 4 | Chromium (III) Sulphate | | 10101-53-8 | | 36 mg/kg | | 36 mg/kg | 0.0036 % | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | 262 mg/kg | 1.126 | 294.983 mg/kg | 0.0295 % | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | 082-001-00-6 | | | 477 mg/kg | | 477 mg/kg | 0.0477 % | | |
| 7 | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | <1 mg/kg | 1.353 | <1.353 mg/kg | <0.000135 % | | <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] | 35 mg/kg | 1.579 | 55.282 mg/kg | 0.00553 % | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| 10 | zinc { zinc oxide } | 030-013-00-7 | 215-222-5 | 1314-13-2 | 454 mg/kg | 1.245 | 565.1 mg/kg | 0.0565 % | | |
| Total: | | | | | | | | 0.147 % | | |

Key

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

Classification of sample: TPI[1]

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

Sample details

| | | |
|--|-----------------------|---|
| Sample Name: TPI[1] | LoW Code: Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: 1 m | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| Moisture content: 19% (no correction) | | |

Hazard properties






None identified

Determinands

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

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } 033-003-00-0 215-481-4 1327-53-3 | | | | 7 mg/kg | 1.32 | 9.242 mg/kg | 0.000924 % | | |
| 2 | boron { boron tribromide/trichloride/trifluoride (combined) } 10294-33-4, 10294-34-5, 7637-07-2 | | | | 1.4 mg/kg | 13.43 | 18.802 mg/kg | 0.00188 % | | |
| 3 | cadmium { cadmium sulfide } 048-010-00-4 215-147-8 1306-23-6 | | | 1 | <0.2 mg/kg | 1.285 | <0.257 mg/kg | <0.00002 % | | <LOD |
| 4 | Chromium (III) Sulphate 10101-53-8 | | | | 37 mg/kg | | 37 mg/kg | 0.0037 % | | |
| 5 | copper { dicopper oxide; copper (I) oxide } 029-002-00-X 215-270-7 1317-39-1 | | | | 107 mg/kg | 1.126 | 120.47 mg/kg | 0.012 % | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } 082-001-00-6 | | | 1 | 93 mg/kg | | 93 mg/kg | 0.0093 % | | |
| 7 | mercury { mercury dichloride } 080-010-00-X 231-299-8 7487-94-7 | | | | <1 mg/kg | 1.353 | <1.353 mg/kg | <0.000135 % | | <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] | | | | 35 mg/kg | 1.579 | 55.282 mg/kg | 0.00553 % | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8 | | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| 10 | zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2 | | | | 172 mg/kg | 1.245 | 214.091 mg/kg | 0.0214 % | | |
| Total: | | | | | | | | 0.0557 % | | |

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) |
|  | Determinand defined by classifier (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: TPJ

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

Sample details

| | | |
|--|-----------------------|---|
| Sample Name: TPJ | LoW Code: Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: 0.3 m | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| Moisture content: 11.3% (no correction) | | |

Hazard properties






None identified

Determinands


Moisture content: **11.3% No Moisture Correction applied (MC)**

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------|---|----------------------------------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | 14 mg/kg | 1.32 | 18.485 mg/kg | 0.00185 % | | |
| 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 % | | <LOD |
| 3 | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 0.6 mg/kg | 1.285 | 0.771 mg/kg | 0.00006 % | | |
| 4 | Chromium (III) Sulphate | | 10101-53-8 | | 20 mg/kg | | 20 mg/kg | 0.002 % | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | 327 mg/kg | 1.126 | 368.165 mg/kg | 0.0368 % | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | 082-001-00-6 | | | 252 mg/kg | | 252 mg/kg | 0.0252 % | | |
| 7 | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | <1 mg/kg | 1.353 | <1.353 mg/kg | <0.000135 % | | <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] | 19 mg/kg | 1.579 | 30.01 mg/kg | 0.003 % | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| 10 | zinc { zinc oxide } | 030-013-00-7 | 215-222-5 | 1314-13-2 | 280 mg/kg | 1.245 | 348.52 mg/kg | 0.0349 % | | |
| Total: | | | | | | | | 0.106 % | | |

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) |
|  | Determinand defined by classifier (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: TPJ[1]

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

Sample details

| | | |
|--|-----------------------|---|
| Sample Name: TPJ[1] | LoW Code: Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: 0.8 m | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| Moisture content: 16% (no correction) | | |

Hazard properties






None identified

Determinands

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

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------|---|----------------------------------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | 6 mg/kg | 1.32 | 7.922 mg/kg | 0.000792 % | | |
| 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 % | | <LOD |
| 3 | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | <0.2 mg/kg | 1.285 | <0.257 mg/kg | <0.00002 % | | <LOD |
| 4 | Chromium (III) Sulphate | | 10101-53-8 | | 24 mg/kg | | 24 mg/kg | 0.0024 % | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | 159 mg/kg | 1.126 | 179.016 mg/kg | 0.0179 % | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | 082-001-00-6 | | | 109 mg/kg | | 109 mg/kg | 0.0109 % | | |
| 7 | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | <1 mg/kg | 1.353 | <1.353 mg/kg | <0.000135 % | | <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] | 21 mg/kg | 1.579 | 33.169 mg/kg | 0.00332 % | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| 10 | zinc { zinc oxide } | 030-013-00-7 | 215-222-5 | 1314-13-2 | 122 mg/kg | 1.245 | 151.855 mg/kg | 0.0152 % | | |
| Total: | | | | | | | | 0.0528 % | | |

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) |
|  | Determinand defined by classifier (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: TPJ[2]

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

Sample details

| | | |
|--|-----------------------|---|
| Sample Name: TPJ[2] | LoW Code: Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: 1 m | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| Moisture content: 17.2% (no correction) | | |

Hazard properties






None identified

Determinands

Moisture content: 17.2% No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------------------------|---|----------|-------------------|--------------|----------------|-------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | |
| 1 | arsenic { arsenic trioxide } | | | | 8 mg/kg | 1.32 | 10.563 mg/kg | 0.00106 % | | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | | |
| 2 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | | 1.8 mg/kg | 13.43 | 24.174 mg/kg | 0.00242 % | | | |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | | |
| 3 | cadmium { cadmium sulfide } | | | 1 | <0.2 mg/kg | 1.285 | <0.257 mg/kg | <0.00002 % | | <LOD | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | | |
| 4 | Chromium (III) Sulphate | | | | 36 mg/kg | | 36 mg/kg | 0.0036 % | | | |
| | | | 10101-53-8 | | | | | | | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | | | | 48 mg/kg | 1.126 | 54.043 mg/kg | 0.0054 % | | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | | | 1 | 36 mg/kg | | 36 mg/kg | 0.0036 % | | | |
| | 082-001-00-6 | | | | | | | | | | |
| 7 | mercury { mercury dichloride } | | | | <1 mg/kg | 1.353 | <1.353 mg/kg | <0.000135 % | | <LOD | |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | | |
| 8 | nickel { nickel dihydroxide } | | | | 32 mg/kg | 1.579 | 50.544 mg/kg | 0.00505 % | | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD | |
| | 034-002-00-8 | | | | | | | | | | |
| 10 | zinc { zinc oxide } | | | | 100 mg/kg | 1.245 | 124.471 mg/kg | 0.0124 % | | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | |
| Total: | | | | | | | | | 0.0345 % | | |

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) |
|  | Determinand defined by classifier (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: TPJ[3]

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

Sample details

| | |
|--------------------|---|
| Sample Name: | LoW Code: |
| TPJ[3] | Chapter: |
| Sample Depth: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Composite m | Entry: |
| Moisture content: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| 13.6% | |
| (no correction) | |

Hazard properties

None identified

Determinands

Moisture content: 13.6% No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|---|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | • pH | | PH | | 8.7 pH | | 8.7 pH | 8.7 pH | | |
| 2 | • cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } | | | | <2 mg/kg | 1.884 | <3.768 mg/kg | <0.000377 % | | <LOD |
| | 006-007-00-5 | | | | | | | | | |
| 3 | • arsenic { arsenic trioxide } | | | | 10 mg/kg | 1.32 | 13.203 mg/kg | 0.00132 % | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |
| 4 | • boron { boron tribromide/trichloride/trifluoride (combined) } | | | | <1 mg/kg | 13.43 | <13.43 mg/kg | <0.00134 % | | <LOD |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | |
| 5 | • cadmium { cadmium sulfide } | | | 1 | 0.4 mg/kg | 1.285 | 0.514 mg/kg | 0.00004 % | | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | |
| 6 | • Chromium (III) Sulphate | | | | 13 mg/kg | | 13 mg/kg | 0.0013 % | | |
| | | | 10101-53-8 | | | | | | | |
| 7 | • chromium { chromium(VI) oxide } | | | | <2 mg/kg | 1.923 | <3.846 mg/kg | <0.000385 % | | <LOD |
| | 024-001-00-0 | 215-607-8 | 1333-82-0 | | | | | | | |
| 8 | • copper { dicopper oxide; copper (I) oxide } | | | | 26 mg/kg | 1.126 | 29.273 mg/kg | 0.00293 % | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | |
| 9 | • lead { lead compounds with the exception of those specified elsewhere in this Annex } | | | 1 | 123 mg/kg | | 123 mg/kg | 0.0123 % | | |
| | 082-001-00-6 | | | | | | | | | |
| 10 | • mercury { mercury dichloride } | | | | <1 mg/kg | 1.353 | <1.353 mg/kg | <0.000135 % | | <LOD |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | |
| 11 | • nickel { nickel dihydroxide } | | | | 11 mg/kg | 1.579 | 17.374 mg/kg | 0.00174 % | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|----|---|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 12 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } 034-002-00-8 | | | | <3 | mg/kg | 2.554 | <7.661 | mg/kg | <0.000766 % | | <LOD |
| 13 | vanadium { divanadium pentaoxide; vanadium pentoxide } 023-001-00-8 215-239-8 1314-62-1 | | | | 24 | mg/kg | 1.785 | 42.844 | mg/kg | 0.00428 % | | |
| 14 | zinc { zinc oxide } 030-013-00-7 215-222-5 1314-13-2 | | | | 175 | mg/kg | 1.245 | 217.825 | mg/kg | 0.0218 % | | |
| 15 | phenol 604-001-00-2 203-632-7 108-95-2 | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| 16 | naphthalene 601-052-00-2 202-049-5 91-20-3 | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 17 | acenaphthylene 205-917-1 208-96-8 | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 18 | acenaphthene 201-469-6 83-32-9 | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 19 | fluorene 201-695-5 86-73-7 | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 20 | phenanthrene 201-581-5 85-01-8 | | | | 0.2 | mg/kg | | 0.2 | mg/kg | 0.00002 % | | |
| 21 | anthracene 204-371-1 120-12-7 | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 22 | fluoranthene 205-912-4 206-44-0 | | | | 0.44 | mg/kg | | 0.44 | mg/kg | 0.000044 % | | |
| 23 | pyrene 204-927-3 129-00-0 | | | | 0.38 | mg/kg | | 0.38 | mg/kg | 0.000038 % | | |
| 24 | benzo[a]anthracene 601-033-00-9 200-280-6 56-55-3 | | | | 0.23 | mg/kg | | 0.23 | mg/kg | 0.000023 % | | |
| 25 | chrysene 601-048-00-0 205-923-4 218-01-9 | | | | 0.23 | mg/kg | | 0.23 | mg/kg | 0.000023 % | | |
| 26 | benzo[b]fluoranthene 601-034-00-4 205-911-9 205-99-2 | | | | 0.32 | mg/kg | | 0.32 | mg/kg | 0.000032 % | | |
| 27 | benzo[k]fluoranthene 601-036-00-5 205-916-6 207-08-9 | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 28 | benzo[a]pyrene; benzo[def]chrysene 601-032-00-3 200-028-5 50-32-8 | | | | 0.23 | mg/kg | | 0.23 | mg/kg | 0.000023 % | | |
| 29 | indeno[123-cd]pyrene 205-893-2 193-39-5 | | | | 0.15 | mg/kg | | 0.15 | mg/kg | 0.000015 % | | |
| 30 | dibenz[a,h]anthracene 601-041-00-2 200-181-8 53-70-3 | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| 31 | benzo[ghi]perylene 205-883-8 191-24-2 | | | | 0.15 | mg/kg | | 0.15 | mg/kg | 0.000015 % | | |
| 32 | benzene 601-020-00-8 200-753-7 71-43-2 | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| 33 | toluene 601-021-00-3 203-625-9 108-88-3 | | | | <5 | mg/kg | | <5 | mg/kg | <0.0005 % | | <LOD |
| 34 | ethylbenzene 601-023-00-4 202-849-4 100-41-4 | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| 35 | xylene 601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] 203-576-3 [3] 108-38-3 [3] 215-535-7 [4] 1330-20-7 [4] | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| 36 | o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4] 601-022-00-9 202-422-2 [1] 95-47-6 [1] 203-396-5 [2] 106-42-3 [2] 203-576-3 [3] 108-38-3 [3] 215-535-7 [4] 1330-20-7 [4] | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| 37 | diesel petroleum group 68334-30-5, 68476-34-6, | | | | <42 | mg/kg | | <42 | mg/kg | <0.0042 % | | <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 | | | | | | | |
| | | | 94114-59-7, 1159170-26-9 | | | | | | | |
| 38 | • | TPH (C6 to C40) petroleum group | | | <42 mg/kg | | <42 mg/kg | <0.0042 % | | <LOD |
| | | | TPH | | | | | | | |
| Total: | | | | | | | | 0.0589 % | | |

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)
- Determinand defined by classifier (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD** Below limit of detection
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: TPK

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

Sample details

| | | |
|---|-----------------------|---|
| Sample Name: TPK | LoW Code: Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: 0.3 m | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| Moisture content: 9.6% (no correction) | | |

Hazard properties

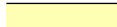




None identified

Determinands

Moisture content: 9.6% No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------|--------------------------------|---|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | 17 mg/kg | 1.32 | 22.446 mg/kg | 0.00224 % | | |
| 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 % | | <LOD |
| 3 | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 1.7 mg/kg | 1.285 | 2.185 mg/kg | 0.00017 % | | |
| 4 | Chromium (III) Sulphate | | | 10101-53-8 | 24 mg/kg | | 24 mg/kg | 0.0024 % | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | 70 mg/kg | 1.126 | 78.812 mg/kg | 0.00788 % | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | 082-001-00-6 | | | 545 mg/kg | | 545 mg/kg | 0.0545 % | | |
| 7 | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | 1.3 mg/kg | 1.353 | 1.76 mg/kg | 0.000176 % | | |
| 8 | nickel { nickel dihydroxide } | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 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 | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| 10 | zinc { zinc oxide } | 030-013-00-7 | 215-222-5 | 1314-13-2 | 288 mg/kg | 1.245 | 358.478 mg/kg | 0.0358 % | | |
| Total: | | | | | | | | 0.109 % | | |

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) |
|  | Determinand defined by classifier (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: TPK[1]

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

Sample details

| | | |
|---|-----------------------|---|
| Sample Name: TPK[1] | LoW Code: Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: 0.5 m | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| Moisture content: 8.8% (no correction) | | |

Hazard properties

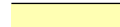




None identified

Determinands

Moisture content: 8.8% No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------|--------------------------------|---|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | 16 mg/kg | 1.32 | 21.125 mg/kg | 0.00211 % | | |
| 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 % | | <LOD |
| 3 | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 1.3 mg/kg | 1.285 | 1.671 mg/kg | 0.00013 % | | |
| 4 | Chromium (III) Sulphate | | | 10101-53-8 | 21 mg/kg | | 21 mg/kg | 0.0021 % | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | 65 mg/kg | 1.126 | 73.183 mg/kg | 0.00732 % | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | 082-001-00-6 | | | 609 mg/kg | | 609 mg/kg | 0.0609 % | | |
| 7 | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | 1.2 mg/kg | 1.353 | 1.624 mg/kg | 0.000162 % | | |
| 8 | nickel { nickel dihydroxide } | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | 20 mg/kg | 1.579 | 31.59 mg/kg | 0.00316 % | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| 10 | zinc { zinc oxide } | 030-013-00-7 | 215-222-5 | 1314-13-2 | 317 mg/kg | 1.245 | 394.574 mg/kg | 0.0395 % | | |
| Total: | | | | | | | | 0.117 % | | |

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) |
|  | Determinand defined by classifier (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: TPK[2]

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

Sample details

| | | |
|---|-----------------------|---|
| Sample Name: TPK[2] | LoW Code: Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: 0.8 m | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| Moisture content: 6.7% (no correction) | | |

Hazard properties

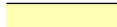




None identified

Determinands

Moisture content: 6.7% No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------|--------------------------------|---|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | 17 mg/kg | 1.32 | 22.446 mg/kg | 0.00224 % | | |
| 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 % | | <LOD |
| 3 | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | 0.8 mg/kg | 1.285 | 1.028 mg/kg | 0.00008 % | | |
| 4 | Chromium (III) Sulphate | | | 10101-53-8 | 19 mg/kg | | 19 mg/kg | 0.0019 % | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | 156 mg/kg | 1.126 | 175.639 mg/kg | 0.0176 % | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | 082-001-00-6 | | | 476 mg/kg | | 476 mg/kg | 0.0476 % | | |
| 7 | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | <1 mg/kg | 1.353 | <1.353 mg/kg | <0.000135 % | | <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] | 19 mg/kg | 1.579 | 30.01 mg/kg | 0.003 % | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| 10 | zinc { zinc oxide } | 030-013-00-7 | 215-222-5 | 1314-13-2 | 239 mg/kg | 1.245 | 297.487 mg/kg | 0.0297 % | | |
| Total: | | | | | | | | 0.104 % | | |

Key

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

Classification of sample: TPL

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

Sample details

| | | |
|--|-----------------------|---|
| Sample Name: TPL | LoW Code: Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: 0.3 m | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| Moisture content: 16.6% (no correction) | | |

Hazard properties

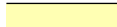




None identified

Determinands

Moisture content: 16.6% No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------|--------------------------------|---|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | 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 | 2.9 mg/kg | 13.43 | 38.947 mg/kg | 0.00389 % | | |
| 3 | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | <0.2 mg/kg | 1.285 | <0.257 mg/kg | <0.00002 % | | <LOD |
| 4 | Chromium (III) Sulphate | | | 10101-53-8 | 35 mg/kg | | 35 mg/kg | 0.0035 % | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | 20 mg/kg | 1.126 | 22.518 mg/kg | 0.00225 % | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | 082-001-00-6 | | | 45 mg/kg | | 45 mg/kg | 0.0045 % | | |
| 7 | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | <1 mg/kg | 1.353 | <1.353 mg/kg | <0.000135 % | | <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] | 27 mg/kg | 1.579 | 42.646 mg/kg | 0.00426 % | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| 10 | zinc { zinc oxide } | 030-013-00-7 | 215-222-5 | 1314-13-2 | 79 mg/kg | 1.245 | 98.332 mg/kg | 0.00983 % | | |
| Total: | | | | | | | | 0.0305 % | | |

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) |
|  | Determinand defined by classifier (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: TPL[1]

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

Sample details

| | | |
|--|-----------------------|---|
| Sample Name: TPL[1] | LoW Code: Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: 0.5 m | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| Moisture content: 15% (no correction) | | |

Hazard properties






None identified

Determinands

Moisture content: **15%** No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------|--------------------------------|---|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | arsenic { arsenic trioxide } | 033-003-00-0 | 215-481-4 | 1327-53-3 | 9 mg/kg | 1.32 | 11.883 mg/kg | 0.00119 % | | |
| 2 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | 10294-33-4, 10294-34-5, 7637-07-2 | 3 mg/kg | 13.43 | 40.29 mg/kg | 0.00403 % | | |
| 3 | cadmium { cadmium sulfide } | 048-010-00-4 | 215-147-8 | 1306-23-6 | <0.2 mg/kg | 1.285 | <0.257 mg/kg | <0.00002 % | | <LOD |
| 4 | Chromium (III) Sulphate | | | 10101-53-8 | 36 mg/kg | | 36 mg/kg | 0.0036 % | | |
| 5 | copper { dicopper oxide; copper (I) oxide } | 029-002-00-X | 215-270-7 | 1317-39-1 | 22 mg/kg | 1.126 | 24.77 mg/kg | 0.00248 % | | |
| 6 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | 082-001-00-6 | | | 29 mg/kg | | 29 mg/kg | 0.0029 % | | |
| 7 | mercury { mercury dichloride } | 080-010-00-X | 231-299-8 | 7487-94-7 | <1 mg/kg | 1.353 | <1.353 mg/kg | <0.000135 % | | <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] | 34 mg/kg | 1.579 | 53.703 mg/kg | 0.00537 % | | |
| 9 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | 034-002-00-8 | | | <3 mg/kg | 2.554 | <7.661 mg/kg | <0.000766 % | | <LOD |
| 10 | zinc { zinc oxide } | 030-013-00-7 | 215-222-5 | 1314-13-2 | 77 mg/kg | 1.245 | 95.843 mg/kg | 0.00958 % | | |
| Total: | | | | | | | | 0.0301 % | | |

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) |
|  | Determinand defined by classifier (see Appendix A) |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD | Below limit of detection |
| CLP: Note 1 | Only the metal concentration has been used for classification |

Classification of sample: TPM

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

Sample details

| | | |
|--|-----------------------|---|
| Sample Name: TPM | LoW Code: Chapter: | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth: Composite m | Entry: | 17 05 04 (Soil and stones other than those mentioned in 17 05 03) |
| Moisture content: 19.1% (no correction) | | |

Hazard properties

None identified

Determinands

Moisture content: 19.1% No Moisture Correction applied (MC)

| # | Determinand | | | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|---|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | |
| 1 | pH | | PH | | 8.8 pH | | 8.8 pH | 8.8 pH | | |
| 2 | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } | | | | <2 mg/kg | 1.884 | <3.768 mg/kg | <0.000377 % | | <LOD |
| | 006-007-00-5 | | | | | | | | | |
| 3 | arsenic { arsenic trioxide } | | | | 11 mg/kg | 1.32 | 14.524 mg/kg | 0.00145 % | | |
| | 033-003-00-0 | 215-481-4 | 1327-53-3 | | | | | | | |
| 4 | boron { boron tribromide/trichloride/trifluoride (combined) } | | | | 1 mg/kg | 13.43 | 13.43 mg/kg | 0.00134 % | | |
| | | | 10294-33-4, 10294-34-5, 7637-07-2 | | | | | | | |
| 5 | cadmium { cadmium sulfide } | | | 1 | 0.2 mg/kg | 1.285 | 0.257 mg/kg | 0.00002 % | | |
| | 048-010-00-4 | 215-147-8 | 1306-23-6 | | | | | | | |
| 6 | Chromium (III) Sulphate | | | | 30 mg/kg | | 30 mg/kg | 0.003 % | | |
| | | | 10101-53-8 | | | | | | | |
| 7 | chromium { chromium(VI) oxide } | | | | <2 mg/kg | 1.923 | <3.846 mg/kg | <0.000385 % | | <LOD |
| | 024-001-00-0 | 215-607-8 | 1333-82-0 | | | | | | | |
| 8 | copper { dicopper oxide; copper (I) oxide } | | | | 34 mg/kg | 1.126 | 38.28 mg/kg | 0.00383 % | | |
| | 029-002-00-X | 215-270-7 | 1317-39-1 | | | | | | | |
| 9 | lead { lead compounds with the exception of those specified elsewhere in this Annex } | | | 1 | 113 mg/kg | | 113 mg/kg | 0.0113 % | | |
| | 082-001-00-6 | | | | | | | | | |
| 10 | mercury { mercury dichloride } | | | | <1 mg/kg | 1.353 | <1.353 mg/kg | <0.000135 % | | <LOD |
| | 080-010-00-X | 231-299-8 | 7487-94-7 | | | | | | | |
| 11 | nickel { nickel dihydroxide } | | | | 28 mg/kg | 1.579 | 44.226 mg/kg | 0.00442 % | | |
| | 028-008-00-X | 235-008-5 [1] 234-348-1 [2] | 12054-48-7 [1] 11113-74-9 [2] | | | | | | | |

| # | Determinand | | | CLP Note | User entered data | | Conv. Factor | Compound conc. | | Classification value | MC Applied | Conc. Not Used |
|--------|--|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
| | CLP index number | EC Number | CAS Number | | | | | | | | | |
| 12 | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } | | | | <3 | mg/kg | 2.554 | <7.661 | mg/kg | <0.000766 % | | <LOD |
| | 034-002-00-8 | | | | | | | | | | | |
| 13 | vanadium { divanadium pentaoxide; vanadium pentoxide } | | | | 55 | mg/kg | 1.785 | 98.185 | mg/kg | 0.00982 % | | |
| | 023-001-00-8 | 215-239-8 | 1314-62-1 | | | | | | | | | |
| 14 | zinc { zinc oxide } | | | | 174 | mg/kg | 1.245 | 216.58 | mg/kg | 0.0217 % | | |
| | 030-013-00-7 | 215-222-5 | 1314-13-2 | | | | | | | | | |
| 15 | phenol | | | | <2 | mg/kg | | <2 | mg/kg | <0.0002 % | | <LOD |
| | 604-001-00-2 | 203-632-7 | 108-95-2 | | | | | | | | | |
| 16 | naphthalene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | 601-052-00-2 | 202-049-5 | 91-20-3 | | | | | | | | | |
| 17 | acenaphthylene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | | 205-917-1 | 208-96-8 | | | | | | | | | |
| 18 | acenaphthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | | 201-469-6 | 83-32-9 | | | | | | | | | |
| 19 | fluorene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | | 201-695-5 | 86-73-7 | | | | | | | | | |
| 20 | phenanthrene | | | | 0.15 | mg/kg | | 0.15 | mg/kg | 0.000015 % | | |
| | | 201-581-5 | 85-01-8 | | | | | | | | | |
| 21 | anthracene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | | 204-371-1 | 120-12-7 | | | | | | | | | |
| 22 | fluoranthene | | | | 0.38 | mg/kg | | 0.38 | mg/kg | 0.000038 % | | |
| | | 205-912-4 | 206-44-0 | | | | | | | | | |
| 23 | pyrene | | | | 0.35 | mg/kg | | 0.35 | mg/kg | 0.000035 % | | |
| | | 204-927-3 | 129-00-0 | | | | | | | | | |
| 24 | benzo[a]anthracene | | | | 0.22 | mg/kg | | 0.22 | mg/kg | 0.000022 % | | |
| | 601-033-00-9 | 200-280-6 | 56-55-3 | | | | | | | | | |
| 25 | chrysene | | | | 0.21 | mg/kg | | 0.21 | mg/kg | 0.000021 % | | |
| | 601-048-00-0 | 205-923-4 | 218-01-9 | | | | | | | | | |
| 26 | benzo[b]fluoranthene | | | | 0.28 | mg/kg | | 0.28 | mg/kg | 0.000028 % | | |
| | 601-034-00-4 | 205-911-9 | 205-99-2 | | | | | | | | | |
| 27 | benzo[k]fluoranthene | | | | <0.1 | mg/kg | | <0.1 | mg/kg | <0.00001 % | | <LOD |
| | 601-036-00-5 | 205-916-6 | 207-08-9 | | | | | | | | | |
| 28 | benzo[a]pyrene; benzo[def]chrysene | | | | 0.21 | mg/kg | | 0.21 | mg/kg | 0.000021 % | | |
| | 601-032-00-3 | 200-028-5 | 50-32-8 | | | | | | | | | |
| 29 | indeno[123-cd]pyrene | | | | 0.14 | mg/kg | | 0.14 | mg/kg | 0.000014 % | | |
| | | 205-893-2 | 193-39-5 | | | | | | | | | |
| 30 | 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 | | | | | | | | | |
| 31 | benzo[ghi]perylene | | | | 0.14 | mg/kg | | 0.14 | mg/kg | 0.000014 % | | |
| | | 205-883-8 | 191-24-2 | | | | | | | | | |
| Total: | | | | | | | | | | 0.059 % | | |

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)
- Determinand defined by classifier (see Appendix A)
- Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD** Below limit of detection
- CLP: Note 1 Only the metal concentration has been used for classification

Appendix A: Classifier defined and non CLP determinands

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

Conversion factor: 13.43

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: 06/08/2015

Risk Phrases: C R35 , C R34 , T+ R26/28 , R14

Hazard Statements: Skin Corr. 1B H314 , Skin Corr. 1A H314 , Acute Tox. 2 H300 , Acute Tox. 2 H330 , EUH014

• Chromium (III) Sulphate (CAS Number: 10101-53-8)

Description/Comments:

Data source: 10101-53-8

Data source date: 24/06/2015

Risk Phrases: None.

Hazard Statements: None.

• dicopper oxide; copper (I) oxide (EC Number: 215-270-7, CAS Number: 1317-39-1)

CLP index number: 029-002-00-X

Data source: Regulation (EU) 2016/1179 of 19 July 2016 (ATP9)

Additional Risk Phrases: N R50/53 >= 0.25 % , N R50/53

Additional Hazard Statement(s): None.

Reason for additional Hazards Statement(s)/Risk Phrase(s):

10/10/2016 - N R50/53 >= 0.25 % risk phrase sourced from: WM3 v1 still uses ecotoxic risk phrases

10/10/2016 - N R50/53 risk phrase sourced from: WM3 v1 still uses ecotoxic risk phrases

• lead compounds with the exception of those specified elsewhere in this Annex

CLP index number: 082-001-00-6

Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)

Additional Risk Phrases: None.

Additional Hazard Statement(s): Carc. 2 H351

Reason for additional Hazards Statement(s)/Risk Phrase(s):

03/06/2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium

www.reach-lead.eu/substanceinformation.html. Review date 29/09/2015

• pH (CAS Number: PH)

Description/Comments: Appendix C4

Data source: WM3 1st Edition 2015

Data source date: 25/05/2015

Risk Phrases: None.

Hazard Statements: None.

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

CLP index number: 006-007-00-5

Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)

Additional Risk Phrases: None.

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

Reason for additional Hazards Statement(s)/Risk Phrase(s):

14/12/2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17/07/2015

Risk Phrases: R38 , R37 , R36 , R27 , R26 , R22

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

▪ **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: 17/07/2015
Risk Phrases: N R51/53 , N R50/53 , R38 , R37 , R36
Hazard Statements: Aquatic Chronic 2 H411 , Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Skin Irrit. 2 H315 , STOT SE 3 H335 , Eye Irrit. 2 H319

▪ **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: 06/08/2015
Risk Phrases: N R50/53
Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400

▪ **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: 06/08/2015
Risk Phrases: N R50/53 , R43 , R40 , R38 , R37 , R36 , R22
Hazard Statements: Skin Irrit. 2 H315 , Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Skin Sens. 1 H317 , Carc. 2 H351 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Acute Tox. 4 H302

▪ **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: 17/07/2015
Risk Phrases: N R50/53 , R43 , R38 , R37 , R36
Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Skin Sens. 1 H317 , Skin Irrit. 2 H315 , STOT SE 3 H335 , Eye Irrit. 2 H319

▪ **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: 21/08/2015
Risk Phrases: N R50/53 , Xn R22
Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , Acute Tox. 4 H302

▪ **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: 21/08/2015
Risk Phrases: N R50/53 , Xi R36/37/38
Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400 , STOT SE 3 H335 , Eye Irrit. 2 H319 , Skin Irrit. 2 H315

▪ **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: 06/08/2015
Risk Phrases: R40
Hazard Statements: Carc. 2 H351

▪ **benzo[ghi]perylene** (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 23/07/2015
Risk Phrases: N R50/53
Hazard Statements: Aquatic Chronic 1 H410 , Aquatic Acute 1 H400

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

CLP index number: 601-023-00-4
Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)
Additional Risk Phrases: None.
Additional Hazard Statement(s): Carc. 2 H351
Reason for additional Hazard(s)/Risk Phrase(s):
03/06/2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

• **diesel petroleum group** (CAS Number: 68334-30-5, 68476-34-6, 94114-59-7, 1159170-26-9)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013

Data source: WM3 1st Edition 2015

Data source date: 25/05/2015

Risk Phrases: R66 , R65 , R51/53 , R40

Hazard Statements: Aquatic Chronic 2 H411 , STOT RE 2 H373 , Asp. Tox. 1 H304 , Carc. 2 H351 , Acute Tox. 4 H332 , Skin Irrit. 2 H315 , Flam. Liq. 3 H226

• **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: 25/05/2015

Risk Phrases: R65 , R63 , R51/53 , R46 , R45 , R10

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

Appendix B: Rationale for selection of metal species

arsenic {arsenic trioxide}

Worst case species based on risk phrases

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

Worst case species based on risk phrases

cadmium {cadmium sulfide}

Worst case species based on risk phrases

copper {dicopper oxide; copper (I) oxide}

Most likely common species

lead {lead compounds with the exception of those specified elsewhere in this Annex}

Lead

mercury {mercury dichloride}

Worst case species based on risk phrases

nickel {nickel dihydroxide}

Worst case species based on risk phrases

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

Worst case species based on risk phrases

zinc {zinc oxide}

Zinc

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

Worst case species

chromium {chromium(VI) oxide}

Worst case species based on risk phrases

vanadium {divanadium pentoxide; vanadium pentoxide}

most common form

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition, May 2015

HazWasteOnline Classification Engine Version: 2017.320.3428.6948 (16 Nov 2017)

HazWasteOnline Database: 2017.325.3432.6955 (21 Nov 2017)

This classification utilises the following guidance and legislation:

- WM3 - Waste Classification** - May 2015
- 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 Wastes 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
- POPs Regulation 2004** - Regulation 850/2004/EC of 29 April 2004
- 1st ATP to POPs Regulation** - Regulation 756/2010/EU of 24 August 2010
- 2nd ATP to POPs Regulation** - Regulation 757/2010/EU of 24 August 2010