

Classification of sample: HA1

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

Sample details

|                         |           |                                                                                           |
|-------------------------|-----------|-------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code: |                                                                                           |
| <b>HA1</b>              | Chapter:  | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth:           | Entry:    | 17 05 03 * (Soil and stones containing hazardous substances)                              |
| <b>0.10 m</b>           |           |                                                                                           |
| Moisture content:       |           |                                                                                           |
| <b>110%</b>             |           |                                                                                           |
| (dry weight correction) |           |                                                                                           |

Hazard properties

**HP 3(i): Flammable** "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Hazard Statements hit:

**Flam. Liq. 2; H225** "Highly flammable liquid and vapour."

Because of determinand:

ethylbenzene (conc.: 0.00004%)

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

Because of determinands:

TPH (C6 to C40) petroleum group (conc.: 1.905%)

xylene (conc.: 0.00014%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 1.905%)

**HP 11: Mutagenic** "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

**Muta. 1B; H340** "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 1.905%)

Determinands

Moisture content: 110% Dry Weight Moisture Correction applied (MC)

| # | Determinand                                                                                                             |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|-------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|   | EU CLP index number                                                                                                     | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 1 |  <b>arsenic { arsenic trioxide }</b> |           |            |          | 10 mg/kg          | 1.32         | 6.287 mg/kg    | 0.000629 %           | ✓          |                |
|   | 033-003-00-0                                                                                                            | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2 |  <b>cadmium { cadmium sulfate }</b>  |           |            |          | 0.5 mg/kg         | 1.855        | 0.442 mg/kg    | 0.0000442 %          | ✓          |                |
|   | 048-009-00-9                                                                                                            | 233-331-6 | 10124-36-4 |          |                   |              |                |                      |            |                |

| #  |                                                                                     | Determinand                                                                                                              |           |            | CLP Note | User entered data | Conv. Factor | Compound conc.  | Classification value | MC Applied | Conc. Not Used |
|----|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|-----------------|----------------------|------------|----------------|
|    |                                                                                     | EU CLP index number                                                                                                      | EC Number | CAS Number |          |                   |              |                 |                      |            |                |
| 3  |    | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                 |           |            |          | 19 mg/kg          | 1.462        | 13.224 mg/kg    | 0.00132 %            | ✓          |                |
|    |                                                                                     |                                                                                                                          | 215-160-9 | 1308-38-9  |          |                   |              |                 |                      |            |                |
| 4  |    | copper { copper sulphate pentahydrate }                                                                                  |           |            |          | 160 mg/kg         | 3.929        | 299.356 mg/kg   | 0.0299 %             | ✓          |                |
|    |                                                                                     | 029-023-00-4                                                                                                             | 231-847-6 | 7758-99-8  |          |                   |              |                 |                      |            |                |
| 5  |    | mercury { mercury dichloride }                                                                                           |           |            |          | 2.5 mg/kg         | 1.353        | 1.611 mg/kg     | 0.000161 %           | ✓          |                |
|    |                                                                                     | 080-010-00-X                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |              |                 |                      |            |                |
| 6  |    | nickel { nickel chromate }                                                                                               |           |            |          | 13 mg/kg          | 2.976        | 18.424 mg/kg    | 0.00184 %            | ✓          |                |
|    |                                                                                     | 028-035-00-7                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |              |                 |                      |            |                |
| 7  |    | lead { lead chromate }                                                                                                   |           |            | 1        | 29 mg/kg          | 1.56         | 21.54 mg/kg     | 0.00138 %            | ✓          |                |
|    |                                                                                     | 082-004-00-2                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |              |                 |                      |            |                |
| 8  |    | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |           |            |          | 8 mg/kg           | 1.405        | 5.352 mg/kg     | 0.000535 %           | ✓          |                |
|    |                                                                                     | 034-002-00-8                                                                                                             |           |            |          |                   |              |                 |                      |            |                |
| 9  |    | zinc { zinc chromate }                                                                                                   |           |            |          | 410 mg/kg         | 2.774        | 541.619 mg/kg   | 0.0542 %             | ✓          |                |
|    |                                                                                     | 024-007-00-3                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |              |                 |                      |            |                |
| 10 |    | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |           |            |          | <1 mg/kg          | 1.923        | <1.923 mg/kg    | <0.000192 %          |            | <LOD           |
|    |                                                                                     | 024-001-00-0                                                                                                             | 215-607-8 | 1333-82-0  |          |                   |              |                 |                      |            |                |
| 11 |    | TPH (C6 to C40) petroleum group                                                                                          |           |            |          | 40000 mg/kg       |              | 19047.619 mg/kg | 1.905 %              | ✓          |                |
|    |                                                                                     |                                                                                                                          |           | TPH        |          |                   |              |                 |                      |            |                |
| 12 |    | naphthalene                                                                                                              |           |            |          | 0.2 mg/kg         |              | 0.0952 mg/kg    | 0.00000952 %         | ✓          |                |
|    |                                                                                     | 601-052-00-2                                                                                                             | 202-049-5 | 91-20-3    |          |                   |              |                 |                      |            |                |
| 13 |   | acenaphthylene                                                                                                           |           |            |          | 0.2 mg/kg         |              | 0.0952 mg/kg    | 0.00000952 %         | ✓          |                |
|    |                                                                                     |                                                                                                                          | 205-917-1 | 208-96-8   |          |                   |              |                 |                      |            |                |
| 14 |  | acenaphthene                                                                                                             |           |            |          | 0.2 mg/kg         |              | 0.0952 mg/kg    | 0.00000952 %         | ✓          |                |
|    |                                                                                     |                                                                                                                          | 201-469-6 | 83-32-9    |          |                   |              |                 |                      |            |                |
| 15 |  | fluorene                                                                                                                 |           |            |          | 0.2 mg/kg         |              | 0.0952 mg/kg    | 0.00000952 %         | ✓          |                |
|    |                                                                                     |                                                                                                                          | 201-695-5 | 86-73-7    |          |                   |              |                 |                      |            |                |
| 16 |  | phenanthrene                                                                                                             |           |            |          | 0.48 mg/kg        |              | 0.229 mg/kg     | 0.0000229 %          | ✓          |                |
|    |                                                                                     |                                                                                                                          | 201-581-5 | 85-01-8    |          |                   |              |                 |                      |            |                |
| 17 |  | anthracene                                                                                                               |           |            |          | 0.2 mg/kg         |              | 0.0952 mg/kg    | 0.00000952 %         | ✓          |                |
|    |                                                                                     |                                                                                                                          | 204-371-1 | 120-12-7   |          |                   |              |                 |                      |            |                |
| 18 |  | fluoranthene                                                                                                             |           |            |          | 1.1 mg/kg         |              | 0.524 mg/kg     | 0.0000524 %          | ✓          |                |
|    |                                                                                     |                                                                                                                          | 205-912-4 | 206-44-0   |          |                   |              |                 |                      |            |                |
| 19 |  | pyrene                                                                                                                   |           |            |          | 2.4 mg/kg         |              | 1.143 mg/kg     | 0.000114 %           | ✓          |                |
|    |                                                                                     |                                                                                                                          | 204-927-3 | 129-00-0   |          |                   |              |                 |                      |            |                |
| 20 |  | benzo[a]anthracene                                                                                                       |           |            |          | 0.72 mg/kg        |              | 0.343 mg/kg     | 0.0000343 %          | ✓          |                |
|    |                                                                                     | 601-033-00-9                                                                                                             | 200-280-6 | 56-55-3    |          |                   |              |                 |                      |            |                |
| 21 |  | chrysene                                                                                                                 |           |            |          | 0.8 mg/kg         |              | 0.381 mg/kg     | 0.0000381 %          | ✓          |                |
|    |                                                                                     | 601-048-00-0                                                                                                             | 205-923-4 | 218-01-9   |          |                   |              |                 |                      |            |                |
| 22 |  | benzo[b]fluoranthene                                                                                                     |           |            |          | 1.4 mg/kg         |              | 0.667 mg/kg     | 0.0000667 %          | ✓          |                |
|    |                                                                                     | 601-034-00-4                                                                                                             | 205-911-9 | 205-99-2   |          |                   |              |                 |                      |            |                |
| 23 |  | benzo[k]fluoranthene                                                                                                     |           |            |          | 0.61 mg/kg        |              | 0.29 mg/kg      | 0.000029 %           | ✓          |                |
|    |                                                                                     | 601-036-00-5                                                                                                             | 205-916-6 | 207-08-9   |          |                   |              |                 |                      |            |                |
| 24 |  | benzo[a]pyrene; benzo[def]chrysene                                                                                       |           |            |          | 1.1 mg/kg         |              | 0.524 mg/kg     | 0.0000524 %          | ✓          |                |
|    |                                                                                     | 601-032-00-3                                                                                                             | 200-028-5 | 50-32-8    |          |                   |              |                 |                      |            |                |
| 25 |  | indeno[123-cd]pyrene                                                                                                     |           |            |          | 0.65 mg/kg        |              | 0.31 mg/kg      | 0.000031 %           | ✓          |                |
|    |                                                                                     |                                                                                                                          | 205-893-2 | 193-39-5   |          |                   |              |                 |                      |            |                |
| 26 |  | dibenz[a,h]anthracene                                                                                                    |           |            |          | 0.2 mg/kg         |              | 0.0952 mg/kg    | 0.00000952 %         | ✓          |                |
|    |                                                                                     | 601-041-00-2                                                                                                             | 200-181-8 | 53-70-3    |          |                   |              |                 |                      |            |                |
| 27 |  | benzo[ghi]perylene                                                                                                       |           |            |          | 1.1 mg/kg         |              | 0.524 mg/kg     | 0.0000524 %          | ✓          |                |
|    |                                                                                     |                                                                                                                          | 205-883-8 | 191-24-2   |          |                   |              |                 |                      |            |                |
| 28 |  | PAHs (total)                                                                                                             |           |            |          | 13 mg/kg          |              | 6.19 mg/kg      | 0.000619 %           | ✓          |                |
|    |                                                                                     |                                                                                                                          |           |            |          |                   |              |                 |                      |            |                |
| 29 |  | benzene                                                                                                                  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg      | <0.00001 %           |            | <LOD           |
|    |                                                                                     | 601-020-00-8                                                                                                             | 200-753-7 | 71-43-2    |          |                   |              |                 |                      |            |                |
| 30 |  | toluene                                                                                                                  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg      | <0.00001 %           |            | <LOD           |
|    |                                                                                     | 601-021-00-3                                                                                                             | 203-625-9 | 108-88-3   |          |                   |              |                 |                      |            |                |

| #      | Determinand                  |                                                                  |                                                              | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------|------------------------------------------------------------------|--------------------------------------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number          | EC Number                                                        | CAS Number                                                   |          |                   |              |                |                      |            |                |
| 31     | ethylbenzene<br>601-023-00-4 | 202-849-4                                                        | 100-41-4                                                     |          | 1 mg/kg           |              | 0.476 mg/kg    | 0.0000476 %          | ✓          |                |
| 32     | xylene<br>601-022-00-9       | 202-422-2 [1]<br>203-396-5 [2]<br>203-576-3 [3]<br>215-535-7 [4] | 95-47-6 [1]<br>106-42-3 [2]<br>108-38-3 [3]<br>1330-20-7 [4] |          | 3 mg/kg           |              | 1.429 mg/kg    | 0.000143 %           | ✓          |                |
| Total: |                              |                                                                  |                                                              |          |                   |              |                | 1.996 %              |            |                |

#### Key

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

#### Supplementary Hazardous Property Information

**HP 3(i): Flammable** "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 500 mg/kg (0.05%) because: HP 3 Flammable : components of concern : TPH HP 3 can be discounted as this is a solid waste without a free draining liquid phase. Ref:Guidance on the classification and assessment of waste (1st Edition v1.1) Technical Guidance WM3, 2021.

Hazard Statements hit:

**Flam. Liq. 2; H225** "Highly flammable liquid and vapour."

Because of determinand:

ethylbenzene (conc.: 0.00004%)

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

Because of determinands:

TPH (C6 to C40) petroleum group (conc.: 1.905%)

xylene (conc.: 0.00014%)

Classification of sample: HA2

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

Sample details

|                         |           |                                                                                           |
|-------------------------|-----------|-------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code: |                                                                                           |
| <b>HA2</b>              | 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)                         |
| <b>0.20 m</b>           |           |                                                                                           |
| Moisture content:       |           |                                                                                           |
| <b>19%</b>              |           |                                                                                           |
| (dry weight correction) |           |                                                                                           |

Hazard properties

None identified

Determinands

Moisture content: 19% Dry Weight Moisture Correction applied (MC)

| #  | Determinand                                                                                                              |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                      | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                             |           |            |          | 10 mg/kg          | 1.32         | 11.095 mg/kg   | 0.00111 %            | ✓          |                |
|    | 033-003-00-0                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  | cadmium { cadmium sulfate }                                                                                              |           |            |          | 0.6 mg/kg         | 1.855        | 0.935 mg/kg    | 0.0000935 %          | ✓          |                |
|    | 048-009-00-9                                                                                                             | 233-331-6 | 10124-36-4 |          |                   |              |                |                      |            |                |
| 3  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                 |           |            |          | 9 mg/kg           | 1.462        | 11.054 mg/kg   | 0.00111 %            | ✓          |                |
|    |                                                                                                                          | 215-160-9 | 1308-38-9  |          |                   |              |                |                      |            |                |
| 4  | copper { copper sulphate pentahydrate }                                                                                  |           |            |          | 15 mg/kg          | 3.929        | 49.526 mg/kg   | 0.00495 %            | ✓          |                |
|    | 029-023-00-4                                                                                                             | 231-847-6 | 7758-99-8  |          |                   |              |                |                      |            |                |
| 5  | mercury { mercury dichloride }                                                                                           |           |            |          | 2.5 mg/kg         | 1.353        | 2.843 mg/kg    | 0.000284 %           | ✓          |                |
|    | 080-010-00-X                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 6  | nickel { nickel chromate }                                                                                               |           |            |          | 16 mg/kg          | 2.976        | 40.017 mg/kg   | 0.004 %              | ✓          |                |
|    | 028-035-00-7                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 7  | lead { lead chromate }                                                                                                   |           |            | 1        | 41 mg/kg          | 1.56         | 53.742 mg/kg   | 0.00345 %            | ✓          |                |
|    | 082-004-00-2                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |              |                |                      |            |                |
| 8  | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |           |            |          | 8 mg/kg           | 1.405        | 9.445 mg/kg    | 0.000945 %           | ✓          |                |
|    | 034-002-00-8                                                                                                             |           |            |          |                   |              |                |                      |            |                |
| 9  | zinc { zinc chromate }                                                                                                   |           |            |          | 140 mg/kg         | 2.774        | 326.37 mg/kg   | 0.0326 %             | ✓          |                |
|    | 024-007-00-3                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |              |                |                      |            |                |
| 10 | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |           |            |          | <1 mg/kg          | 1.923        | <1.923 mg/kg   | <0.000192 %          |            | <LOD           |
|    | 024-001-00-0                                                                                                             | 215-607-8 | 1333-82-0  |          |                   |              |                |                      |            |                |
| 11 | TPH (C6 to C40) petroleum group                                                                                          |           |            |          | 32 mg/kg          |              | 26.891 mg/kg   | 0.00269 %            | ✓          |                |
|    |                                                                                                                          |           | TPH        |          |                   |              |                |                      |            |                |
| 12 | naphthalene                                                                                                              |           |            |          | 0.02 mg/kg        |              | 0.0168 mg/kg   | 0.00000168 %         | ✓          |                |
|    | 601-052-00-2                                                                                                             | 202-049-5 | 91-20-3    |          |                   |              |                |                      |            |                |
| 13 | acenaphthylene                                                                                                           |           |            |          | 0.05 mg/kg        |              | 0.042 mg/kg    | 0.0000042 %          | ✓          |                |
|    |                                                                                                                          | 205-917-1 | 208-96-8   |          |                   |              |                |                      |            |                |
| 14 | acenaphthene                                                                                                             |           |            |          | 0.04 mg/kg        |              | 0.0336 mg/kg   | 0.00000336 %         | ✓          |                |
|    |                                                                                                                          | 201-469-6 | 83-32-9    |          |                   |              |                |                      |            |                |
| 15 | fluorene                                                                                                                 |           |            |          | 0.04 mg/kg        |              | 0.0336 mg/kg   | 0.00000336 %         | ✓          |                |
|    |                                                                                                                          | 201-695-5 | 86-73-7    |          |                   |              |                |                      |            |                |

| #      | Determinand                        |              |                                                                  | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------------------------------------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number    | CAS Number                                                       |          |                   |              |                |                      |            |                |
| 16     | phenanthrene                       | 201-581-5    | 85-01-8                                                          |          | 0.65 mg/kg        |              | 0.546 mg/kg    | 0.0000546 %          | ✓          |                |
| 17     | anthracene                         | 204-371-1    | 120-12-7                                                         |          | 0.17 mg/kg        |              | 0.143 mg/kg    | 0.0000143 %          | ✓          |                |
| 18     | fluoranthene                       | 205-912-4    | 206-44-0                                                         |          | 1.6 mg/kg         |              | 1.345 mg/kg    | 0.000134 %           | ✓          |                |
| 19     | pyrene                             | 204-927-3    | 129-00-0                                                         |          | 1.4 mg/kg         |              | 1.176 mg/kg    | 0.000118 %           | ✓          |                |
| 20     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6                                                        |          | 0.62 mg/kg        |              | 0.521 mg/kg    | 0.0000521 %          | ✓          |                |
| 21     | chrysene                           | 601-048-00-0 | 205-923-4                                                        |          | 0.67 mg/kg        |              | 0.563 mg/kg    | 0.0000563 %          | ✓          |                |
| 22     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9                                                        |          | 0.92 mg/kg        |              | 0.773 mg/kg    | 0.0000773 %          | ✓          |                |
| 23     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6                                                        |          | 0.37 mg/kg        |              | 0.311 mg/kg    | 0.0000311 %          | ✓          |                |
| 24     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5                                                        |          | 0.73 mg/kg        |              | 0.613 mg/kg    | 0.0000613 %          | ✓          |                |
| 25     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5                                                         |          | 0.45 mg/kg        |              | 0.378 mg/kg    | 0.0000378 %          | ✓          |                |
| 26     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8                                                        |          | 0.1 mg/kg         |              | 0.084 mg/kg    | 0.0000084 %          | ✓          |                |
| 27     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2                                                         |          | 0.5 mg/kg         |              | 0.42 mg/kg     | 0.000042 %           | ✓          |                |
| 28     | PAHs (total)                       |              |                                                                  |          | 8.3 mg/kg         |              | 6.975 mg/kg    | 0.000697 %           | ✓          |                |
| 29     | benzene                            | 601-020-00-8 | 200-753-7                                                        |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %          |            | <LOD           |
| 30     | toluene                            | 601-021-00-3 | 203-625-9                                                        |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %          |            | <LOD           |
| 31     | ethylbenzene                       | 601-023-00-4 | 202-849-4                                                        |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %          |            | <LOD           |
| 32     | xylene                             | 601-022-00-9 | 202-422-2 [1]<br>203-396-5 [2]<br>203-576-3 [3]<br>215-535-7 [4] |          | <0.02 mg/kg       |              | <0.02 mg/kg    | <0.000002 %          |            | <LOD           |
| Total: |                                    |              |                                                                  |          |                   |              |                | 0.0527 %             |            |                |

#### Key

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

#### Supplementary Hazardous Property Information

**HP 3(i): Flammable** "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

**Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 500 mg/kg (0.05%) because:** HP 3 Flammable : components of concern : TPH HP 3 can be discounted as this is a solid waste without a free draining liquid phase. Ref:Guidance on the classification and assessment of waste (1st Edition v1.1) Technical Guidance WM3, 2021.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.00269%)

## Classification of sample: CT3

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

## Sample details

|                         |           |                                                                                           |
|-------------------------|-----------|-------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code: |                                                                                           |
| <b>CT3</b>              | 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)                         |
| <b>0.10 m</b>           |           |                                                                                           |
| Moisture content:       |           |                                                                                           |
| <b>7.1%</b>             |           |                                                                                           |
| (dry weight correction) |           |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 7.1% Dry Weight Moisture Correction applied (MC)

| #  |  | Determinand                                                                                                              |           |            | CLP Note | User entered data | Conv. Factor | Compound conc.     |             | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|--------------------|-------------|----------------------|------------|----------------|
|    |  | EU CLP index number                                                                                                      | EC Number | CAS Number |          |                   |              |                    |             |                      |            |                |
| 1  |  | arsenic { arsenic trioxide }                                                                                             |           |            |          | 17      mg/kg     | 1.32         | 20.958      mg/kg  | 0.0021 %    | ✓                    |            |                |
|    |  | 033-003-00-0                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |              |                    |             |                      |            |                |
| 2  |  | cadmium { cadmium sulfate }                                                                                              |           |            |          | 0.7      mg/kg    | 1.855        | 1.212      mg/kg   | 0.000121 %  | ✓                    |            |                |
|    |  | 048-009-00-9                                                                                                             | 233-331-6 | 10124-36-4 |          |                   |              |                    |             |                      |            |                |
| 3  |  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                                                 |           |            |          | 23      mg/kg     | 1.462        | 31.387      mg/kg  | 0.00314 %   | ✓                    |            |                |
|    |  |                                                                                                                          | 215-160-9 | 1308-38-9  |          |                   |              |                    |             |                      |            |                |
| 4  |  | copper { copper sulphate pentahydrate }                                                                                  |           |            |          | 22      mg/kg     | 3.929        | 80.709      mg/kg  | 0.00807 %   | ✓                    |            |                |
|    |  | 029-023-00-4                                                                                                             | 231-847-6 | 7758-99-8  |          |                   |              |                    |             |                      |            |                |
| 5  |  | mercury { mercury dichloride }                                                                                           |           |            |          | 2.5      mg/kg    | 1.353        | 3.159      mg/kg   | 0.000316 %  | ✓                    |            |                |
|    |  | 080-010-00-X                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |              |                    |             |                      |            |                |
| 6  |  | nickel { nickel chromate }                                                                                               |           |            |          | 23      mg/kg     | 2.976        | 63.916      mg/kg  | 0.00639 %   | ✓                    |            |                |
|    |  | 028-035-00-7                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |              |                    |             |                      |            |                |
| 7  |  | lead { lead chromate }                                                                                                   |           |            | 1        | 22      mg/kg     | 1.56         | 32.041      mg/kg  | 0.00205 %   | ✓                    |            |                |
|    |  | 082-004-00-2                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |              |                    |             |                      |            |                |
| 8  |  | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |           |            |          | 8      mg/kg      | 1.405        | 10.495      mg/kg  | 0.00105 %   | ✓                    |            |                |
|    |  | 034-002-00-8                                                                                                             |           |            |          |                   |              |                    |             |                      |            |                |
| 9  |  | zinc { zinc chromate }                                                                                                   |           |            |          | 56      mg/kg     | 2.774        | 145.053      mg/kg | 0.0145 %    | ✓                    |            |                |
|    |  | 024-007-00-3                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |              |                    |             |                      |            |                |
| 10 |  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |           |            |          | <1      mg/kg     | 1.923        | <1.923      mg/kg  | <0.000192 % |                      | <LOD       |                |
|    |  | 024-001-00-0                                                                                                             | 215-607-8 | 1333-82-0  |          |                   |              |                    |             |                      |            |                |
| 11 |  | TPH (C6 to C40) petroleum group                                                                                          |           |            |          | 190      mg/kg    |              | 177.404      mg/kg | 0.0177 %    | ✓                    |            |                |
|    |  |                                                                                                                          |           | TPH        |          |                   |              |                    |             |                      |            |                |
| 12 |  | naphthalene                                                                                                              |           |            |          | 1.1      mg/kg    |              | 1.027      mg/kg   | 0.000103 %  | ✓                    |            |                |
|    |  | 601-052-00-2                                                                                                             | 202-049-5 | 91-20-3    |          |                   |              |                    |             |                      |            |                |
| 13 |  | acenaphthylene                                                                                                           |           |            |          | 0.2      mg/kg    |              | 0.187      mg/kg   | 0.0000187 % | ✓                    |            |                |
|    |  |                                                                                                                          | 205-917-1 | 208-96-8   |          |                   |              |                    |             |                      |            |                |
| 14 |  | acenaphthene                                                                                                             |           |            |          | 3.3      mg/kg    |              | 3.081      mg/kg   | 0.000308 %  | ✓                    |            |                |
|    |  |                                                                                                                          | 201-469-6 | 83-32-9    |          |                   |              |                    |             |                      |            |                |
| 15 |  | fluorene                                                                                                                 |           |            |          | 1.2      mg/kg    |              | 1.12      mg/kg    | 0.000112 %  | ✓                    |            |                |
|    |  |                                                                                                                          | 201-695-5 | 86-73-7    |          |                   |              |                    |             |                      |            |                |

| #      | Determinand                        |              |                                                                  | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|------------------------------------|--------------|------------------------------------------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                | EC Number    | CAS Number                                                       |          |                   |              |                |                      |            |                |
| 16     | phenanthrene                       | 201-581-5    | 85-01-8                                                          |          | 4.7 mg/kg         |              | 4.388 mg/kg    | 0.000439 %           | ✓          |                |
| 17     | anthracene                         | 204-371-1    | 120-12-7                                                         |          | 1.3 mg/kg         |              | 1.214 mg/kg    | 0.000121 %           | ✓          |                |
| 18     | fluoranthene                       | 205-912-4    | 206-44-0                                                         |          | 5.4 mg/kg         |              | 5.042 mg/kg    | 0.000504 %           | ✓          |                |
| 19     | pyrene                             | 204-927-3    | 129-00-0                                                         |          | 4 mg/kg           |              | 3.735 mg/kg    | 0.000373 %           | ✓          |                |
| 20     | benzo[a]anthracene                 | 200-033-00-9 | 200-280-6                                                        |          | 2 mg/kg           |              | 1.867 mg/kg    | 0.000187 %           | ✓          |                |
| 21     | chrysene                           | 205-048-00-0 | 205-923-4                                                        |          | 1.9 mg/kg         |              | 1.774 mg/kg    | 0.000177 %           | ✓          |                |
| 22     | benzo[b]fluoranthene               | 205-034-00-4 | 205-911-9                                                        |          | 2.3 mg/kg         |              | 2.148 mg/kg    | 0.000215 %           | ✓          |                |
| 23     | benzo[k]fluoranthene               | 205-036-00-5 | 205-916-6                                                        |          | 0.87 mg/kg        |              | 0.812 mg/kg    | 0.0000812 %          | ✓          |                |
| 24     | benzo[a]pyrene; benzo[def]chrysene | 200-032-00-3 | 200-028-5                                                        |          | 1.9 mg/kg         |              | 1.774 mg/kg    | 0.000177 %           | ✓          |                |
| 25     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5                                                         |          | 0.91 mg/kg        |              | 0.85 mg/kg     | 0.000085 %           | ✓          |                |
| 26     | dibenz[a,h]anthracene              | 200-041-00-2 | 200-181-8                                                        |          | 0.27 mg/kg        |              | 0.252 mg/kg    | 0.0000252 %          | ✓          |                |
| 27     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2                                                         |          | 1 mg/kg           |              | 0.934 mg/kg    | 0.0000934 %          | ✓          |                |
| 28     | PAHs (total)                       |              |                                                                  |          | 32 mg/kg          |              | 29.879 mg/kg   | 0.00299 %            | ✓          |                |
| 29     | benzene                            | 200-020-00-8 | 200-753-7                                                        |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %          |            | <LOD           |
| 30     | toluene                            | 203-021-00-3 | 203-625-9                                                        |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %          |            | <LOD           |
| 31     | ethylbenzene                       | 202-023-00-4 | 202-849-4                                                        |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %          |            | <LOD           |
| 32     | xylene                             | 202-022-00-9 | 202-422-2 [1]<br>203-396-5 [2]<br>203-576-3 [3]<br>215-535-7 [4] |          | <0.02 mg/kg       |              | <0.02 mg/kg    | <0.000002 %          |            | <LOD           |
| Total: |                                    |              |                                                                  |          |                   |              |                | 0.0615 %             |            |                |

#### Key

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

#### Supplementary Hazardous Property Information

**HP 3(i): Flammable** "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and ≤ 75°C"

**Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 500 mg/kg (0.05%) because:** HP 3 Flammable : components of concern : TPH HP 3 can be discounted as this is a solid waste without a free draining liquid phase. Ref:Guidance on the classification and assessment of waste (1st Edition v1.1) Technical Guidance WM3, 2021.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.0177%)

Classification of sample: CT3[2]

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

Sample details

|                         |           |                                                                                           |
|-------------------------|-----------|-------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code: |                                                                                           |
| <b>CT3[2]</b>           | Chapter:  | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth:           | Entry:    | 17 05 03 * (Soil and stones containing hazardous substances)                              |
| <b>0.40 m</b>           |           |                                                                                           |
| Moisture content:       |           |                                                                                           |
| <b>9.9%</b>             |           |                                                                                           |
| (dry weight correction) |           |                                                                                           |

Hazard properties

**HP 3(i): Flammable** "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Hazard Statements hit:

**Flam. Liq. 2; H225** "Highly flammable liquid and vapour."

Because of determinand:

ethylbenzene (conc.: 0.00001%)

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

Because of determinands:

TPH (C6 to C40) petroleum group (conc.: 0.1%)

xylene (conc.: 0.00011%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.1%)

**HP 11: Mutagenic** "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

**Muta. 1B; H340** "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group (conc.: 0.1%)

Determinands

Moisture content: 9.9% Dry Weight Moisture Correction applied (MC)

| # | Determinand                  |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|   | EU CLP index number          | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 1 | pH                           |           |            |          | 10.4 pH           |              | 10.4 pH        | 10.4 pH              |            |                |
| 2 | arsenic { arsenic trioxide } |           |            |          | 12 mg/kg          | 1.32         | 14.417 mg/kg   | 0.00144 %            | ✓          |                |
|   | 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 |
|----|--|--------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    |  | EU CLP index number                                                                                                      | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 3  |  | cadmium { cadmium sulfate }                                                                                              |           |            |          | 0.6               | mg/kg | 1.855        | 1.013          | mg/kg | 0.000101 %           | ✓          |                |
|    |  | 048-009-00-9                                                                                                             | 233-331-6 | 10124-36-4 |          |                   |       |              |                |       |                      |            |                |
| 4  |  | chromium in chromium(III) compounds {<br>chromium(III) oxide (worst case) }                                              |           |            |          | 9.3               | mg/kg | 1.462        | 12.368         | mg/kg | 0.00124 %            | ✓          |                |
|    |  |                                                                                                                          | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 5  |  | copper { copper sulphate pentahydrate }                                                                                  |           |            |          | 23                | mg/kg | 3.929        | 82.228         | mg/kg | 0.00822 %            | ✓          |                |
|    |  | 029-023-00-4                                                                                                             | 231-847-6 | 7758-99-8  |          |                   |       |              |                |       |                      |            |                |
| 6  |  | mercury { mercury dichloride }                                                                                           |           |            |          | 2.5               | mg/kg | 1.353        | 3.079          | mg/kg | 0.000308 %           | ✓          |                |
|    |  | 080-010-00-X                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 7  |  | nickel { nickel chromate }                                                                                               |           |            |          | 13                | mg/kg | 2.976        | 35.206         | mg/kg | 0.00352 %            | ✓          |                |
|    |  | 028-035-00-7                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 8  |  | lead { lead chromate }                                                                                                   |           |            | 1        | 63                | mg/kg | 1.56         | 89.416         | mg/kg | 0.00573 %            | ✓          |                |
|    |  | 082-004-00-2                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 9  |  | selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex } |           |            |          | 8                 | mg/kg | 1.405        | 10.227         | mg/kg | 0.00102 %            | ✓          |                |
|    |  | 034-002-00-8                                                                                                             |           |            |          |                   |       |              |                |       |                      |            |                |
| 10 |  | zinc { zinc chromate }                                                                                                   |           |            |          | 73                | mg/kg | 2.774        | 184.27         | mg/kg | 0.0184 %             | ✓          |                |
|    |  | 024-007-00-3                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 11 |  | chromium in chromium(VI) compounds { chromium(VI) oxide }                                                                |           |            |          | <1                | mg/kg | 1.923        | <1.923         | mg/kg | <0.000192 %          |            | <LOD           |
|    |  | 024-001-00-0                                                                                                             | 215-607-8 | 1333-82-0  |          |                   |       |              |                |       |                      |            |                |
| 12 |  | TPH (C6 to C40) petroleum group                                                                                          |           |            |          | 1100              | mg/kg |              | 1000.91        | mg/kg | 0.1 %                | ✓          |                |
|    |  |                                                                                                                          |           | TPH        |          |                   |       |              |                |       |                      |            |                |
| 13 |  | naphthalene                                                                                                              |           |            |          | 7.4               | mg/kg |              | 6.733          | mg/kg | 0.000673 %           | ✓          |                |
|    |  | 601-052-00-2                                                                                                             | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 14 |  | acenaphthylene                                                                                                           |           |            |          | 0.39              | mg/kg |              | 0.355          | mg/kg | 0.0000355 %          | ✓          |                |
|    |  |                                                                                                                          | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 15 |  | acenaphthene                                                                                                             |           |            |          | 17                | mg/kg |              | 15.469         | mg/kg | 0.00155 %            | ✓          |                |
|    |  |                                                                                                                          | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |
| 16 |  | fluorene                                                                                                                 |           |            |          | 6                 | mg/kg |              | 5.46           | mg/kg | 0.000546 %           | ✓          |                |
|    |  |                                                                                                                          | 201-695-5 | 86-73-7    |          |                   |       |              |                |       |                      |            |                |
| 17 |  | phenanthrene                                                                                                             |           |            |          | 23                | mg/kg |              | 20.928         | mg/kg | 0.00209 %            | ✓          |                |
|    |  |                                                                                                                          | 201-581-5 | 85-01-8    |          |                   |       |              |                |       |                      |            |                |
| 18 |  | anthracene                                                                                                               |           |            |          | 6.3               | mg/kg |              | 5.732          | mg/kg | 0.000573 %           | ✓          |                |
|    |  |                                                                                                                          | 204-371-1 | 120-12-7   |          |                   |       |              |                |       |                      |            |                |
| 19 |  | fluoranthene                                                                                                             |           |            |          | 25                | mg/kg |              | 22.748         | mg/kg | 0.00227 %            | ✓          |                |
|    |  |                                                                                                                          | 205-912-4 | 206-44-0   |          |                   |       |              |                |       |                      |            |                |
| 20 |  | pyrene                                                                                                                   |           |            |          | 18                | mg/kg |              | 16.379         | mg/kg | 0.00164 %            | ✓          |                |
|    |  |                                                                                                                          | 204-927-3 | 129-00-0   |          |                   |       |              |                |       |                      |            |                |
| 21 |  | benzo[a]anthracene                                                                                                       |           |            |          | 8.2               | mg/kg |              | 7.461          | mg/kg | 0.000746 %           | ✓          |                |
|    |  | 601-033-00-9                                                                                                             | 200-280-6 | 56-55-3    |          |                   |       |              |                |       |                      |            |                |
| 22 |  | chrysene                                                                                                                 |           |            |          | 8.2               | mg/kg |              | 7.461          | mg/kg | 0.000746 %           | ✓          |                |
|    |  | 601-048-00-0                                                                                                             | 205-923-4 | 218-01-9   |          |                   |       |              |                |       |                      |            |                |
| 23 |  | benzo[b]fluoranthene                                                                                                     |           |            |          | 9.6               | mg/kg |              | 8.735          | mg/kg | 0.000874 %           | ✓          |                |
|    |  | 601-034-00-4                                                                                                             | 205-911-9 | 205-99-2   |          |                   |       |              |                |       |                      |            |                |
| 24 |  | benzo[k]fluoranthene                                                                                                     |           |            |          | 3.6               | mg/kg |              | 3.276          | mg/kg | 0.000328 %           | ✓          |                |
|    |  | 601-036-00-5                                                                                                             | 205-916-6 | 207-08-9   |          |                   |       |              |                |       |                      |            |                |
| 25 |  | benzo[a]pyrene; benzo[def]chrysene                                                                                       |           |            |          | 7.8               | mg/kg |              | 7.097          | mg/kg | 0.00071 %            | ✓          |                |
|    |  | 601-032-00-3                                                                                                             | 200-028-5 | 50-32-8    |          |                   |       |              |                |       |                      |            |                |
| 26 |  | indeno[123-cd]pyrene                                                                                                     |           |            |          | 4                 | mg/kg |              | 3.64           | mg/kg | 0.000364 %           | ✓          |                |
|    |  |                                                                                                                          | 205-893-2 | 193-39-5   |          |                   |       |              |                |       |                      |            |                |
| 27 |  | dibenz[a,h]anthracene                                                                                                    |           |            |          | 1.1               | mg/kg |              | 1.001          | mg/kg | 0.0001 %             | ✓          |                |
|    |  | 601-041-00-2                                                                                                             | 200-181-8 | 53-70-3    |          |                   |       |              |                |       |                      |            |                |
| 28 |  | benzo[ghi]perylene                                                                                                       |           |            |          | 4.2               | mg/kg |              | 3.822          | mg/kg | 0.000382 %           | ✓          |                |
|    |  |                                                                                                                          | 205-883-8 | 191-24-2   |          |                   |       |              |                |       |                      |            |                |
| 29 |  | PAHs (total)                                                                                                             |           |            |          | 150               | mg/kg |              | 136.488        | mg/kg | 0.0136 %             | ✓          |                |
|    |  |                                                                                                                          |           |            |          |                   |       |              |                |       |                      |            |                |
| 30 |  | benzene                                                                                                                  |           |            |          | <0.01             | mg/kg |              | <0.01          | mg/kg | <0.000001 %          |            | <LOD           |
|    |  | 601-020-00-8                                                                                                             | 200-753-7 | 71-43-2    |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand         |                                                                  |                                                              | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|---------------------|------------------------------------------------------------------|--------------------------------------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number | EC Number                                                        | CAS Number                                                   |          |                   |              |                |                      |            |                |
| 31     | toluene             |                                                                  |                                                              |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %          |            | <LOD           |
|        | 601-021-00-3        | 203-625-9                                                        | 108-88-3                                                     |          |                   |              |                |                      |            |                |
| 32     | ethylbenzene        |                                                                  |                                                              |          | 0.15 mg/kg        |              | 0.136 mg/kg    | 0.0000136 %          | ✓          |                |
|        | 601-023-00-4        | 202-849-4                                                        | 100-41-4                                                     |          |                   |              |                |                      |            |                |
| 33     | xylene              |                                                                  |                                                              |          | 1.3 mg/kg         |              | 1.183 mg/kg    | 0.000118 %           | ✓          |                |
|        | 601-022-00-9        | 202-422-2 [1]<br>203-396-5 [2]<br>203-576-3 [3]<br>215-535-7 [4] | 95-47-6 [1]<br>106-42-3 [2]<br>108-38-3 [3]<br>1330-20-7 [4] |          |                   |              |                |                      |            |                |
| Total: |                     |                                                                  |                                                              |          |                   |              |                | 0.168 %              |            |                |

#### Key

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

#### Supplementary Hazardous Property Information

**HP 3(i): Flammable** "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and ≤ 75°C"

Force this Hazardous Property to non-hazardous for cumulative determinand results below the threshold of: 500 mg/kg (0.05%)  
because: HP 3 Flammable : components of concern : TPH HP 3 can be discounted as this is a solid waste without a free draining liquid phase. Ref:Guidance on the classification and assessment of waste (1st Edition v1.1) Technical Guidance WM3, 2021.

Hazard Statements hit:

**Flam. Liq. 2; H225** "Highly flammable liquid and vapour."

Because of determinand:

ethylbenzene (conc.: 0.00001%)

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

Because of determinands:

TPH (C6 to C40) petroleum group (conc.: 0.1%)

xylene (conc.: 0.00011%)