

# Trial Trench Photographs



TT101 Spoil 1.55m to 2.60m



TT101 Spoil 2.60m to 3.30m

|        |   |                       |
|--------|---|-----------------------|
| Notes: | <p>Project <b>PROPOSED MANUFACTURING FACILITY AND INCOMING POWER SUPPLY</b></p> <p>Project No. <b>E3020-23</b></p> <p>Carried out for <b>Buckingham Group Contracting Limited</b></p> | <p>Sheet <b>6</b></p> |
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# Hand Dug Trial Pit Photographs



HDP101 Pit\_1

Notes:

Project PROPOSED MANUFACTURING FACILITY AND INCOMING POWER  
SUPPLY  
Project No. E3020-23  
Carried out for Buckingham Group Contracting Limited

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# Hand Dug Trial Pit Photographs



HDP101 Pit\_2

|        |   |                              |
|--------|---|------------------------------|
| Notes: | <b>Project</b> PROPOSED MANUFACTURING FACILITY AND INCOMING POWER<br><b>Project No.</b> SUPPLY<br>E3020-23<br><b>Carried out for</b> Buckingham Group Contracting Limited | <b>Sheet</b><br><br><b>2</b> |
|--------|---|------------------------------|

# Hand Dug Trial Pit Photographs



HDP101 Pit\_3

|        |   |                       |
|--------|---|-----------------------|
| Notes: | Project<br>PROPOSED MANUFACTURING FACILITY AND INCOMING POWER<br>SUPPLY<br>Project No.<br>E3020-23<br>Carried out for<br>Buckingham Group Contracting Limited | Sheet<br><br><b>3</b> |
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# Hand Dug Trial Pit Photographs



HDP101 Pit\_4

Notes:

Project PROPOSED MANUFACTURING FACILITY AND INCOMING POWER  
SUPPLY  
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Carried out for Buckingham Group Contracting Limited

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# Hand Dug Trial Pit Photographs



HDP101 Pit\_5

|        |   |                       |
|--------|---|-----------------------|
| Notes: | Project<br>PROPOSED MANUFACTURING FACILITY AND INCOMING POWER<br>SUPPLY<br>Project No.<br>E3020-23<br>Carried out for<br>Buckingham Group Contracting Limited | Sheet<br><br><b>5</b> |
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# Hand Dug Trial Pit Photographs



HDP101 Spoil

Notes:

Project PROPOSED MANUFACTURING FACILITY AND INCOMING POWER  
SUPPLY  
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# Hand Dug Trial Pit Photographs



HDP102 Pit\_1

Notes:

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# Hand Dug Trial Pit Photographs



HDP102 Pit\_2

Notes:

Project PROPOSED MANUFACTURING FACILITY AND INCOMING POWER  
SUPPLY  
Project No. E3020-23  
Carried out for Buckingham Group Contracting Limited

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# Hand Dug Trial Pit Photographs



HDP102 Pit\_3

Notes:

Project PROPOSED MANUFACTURING FACILITY AND INCOMING POWER  
SUPPLY  
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Carried out for Buckingham Group Contracting Limited

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# Hand Dug Trial Pit Photographs



HDP102 Pit\_4

Notes:

Project PROPOSED MANUFACTURING FACILITY AND INCOMING POWER  
SUPPLY  
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Carried out for Buckingham Group Contracting Limited

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# Hand Dug Trial Pit Photographs



HDP103A Pit\_1

|        |  |                 |
|--------|--|-----------------|
| Notes: | Project<br>PROPOSED MANUFACTURING FACILITY AND INCOMING POWER SUPPLY<br>Project No.<br>E3020-23<br>Carried out for<br>Buckingham Group Contracting Limited | Sheet<br><br>11 |
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# Hand Dug Trial Pit Photographs



HDP103A Pit\_2

Notes:

Project PROPOSED MANUFACTURING FACILITY AND INCOMING POWER  
SUPPLY  
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# Hand Dug Trial Pit Photographs



HDP103A Pit\_3



HDP103A Pit\_4

|        |  |                    |
|--------|--|--------------------|
| Notes: | <p>Project PROPOSED MANUFACTURING FACILITY AND INCOMING POWER<br/>SUPPLY<br/>Project No. E3020-23<br/>Carried out for Buckingham Group Contracting Limited</p> | Sheet<br><b>13</b> |
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# Hand Dug Trial Pit Photographs



HDP103A Pit\_5

Notes:

Project PROPOSED MANUFACTURING FACILITY AND INCOMING POWER  
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# Hand Dug Trial Pit Photographs



HDP104 Pit\_1

Notes:

Project PROPOSED MANUFACTURING FACILITY AND INCOMING POWER  
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# Hand Dug Trial Pit Photographs



HPD104\_2

Notes:

Project PROPOSED MANUFACTURING FACILITY AND INCOMING POWER  
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# Hand Dug Trial Pit Photographs



HDP105 Pit and Spoil



HDP105 Possible asbestos

|        |  |                        |
|--------|--|------------------------|
| Notes: | <p>Project PROPOSED MANUFACTURING FACILITY AND INCOMING POWER<br/>SUPPLY<br/>Project No. E3020-23<br/>Carried out for Buckingham Group Contracting Limited</p> | Sheet<br><br><b>17</b> |
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# Inspection Pit Photographs



BH101 Inspection pit

|        |  |                       |
|--------|--|-----------------------|
| Notes: | Project<br>PROPOSED MANUFACTURING FACILITY AND INCOMING POWER SUPPLY<br>Project No.<br>E3020-23<br>Carried out for<br>Buckingham Group Contracting Limited | Sheet<br><br><b>1</b> |
|--------|--|-----------------------|

# Inspection Pit Photographs



BH101 Spoil 0.15m to 0.30m

|        |   |                |
|--------|---|----------------|
| Notes: | Project<br>PROPOSED MANUFACTURING FACILITY AND INCOMING POWER<br>SUPPLY<br>Project No.<br>E3020-23<br>Carried out for<br>Buckingham Group Contracting Limited | Sheet<br><br>2 |
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# Inspection Pit Photographs



BH101 Spoil 0.30m to 0.65m

|        |   |                   |
|--------|---|-------------------|
| Notes: | Project<br>PROPOSED MANUFACTURING FACILITY AND INCOMING POWER<br>SUPPLY<br>Project No.<br>E3020-23<br>Carried out for<br>Buckingham Group Contracting Limited | Sheet<br><b>3</b> |
|--------|---|-------------------|

# Inspection Pit Photographs



BH101 Spoil 0.65m to 1.20m

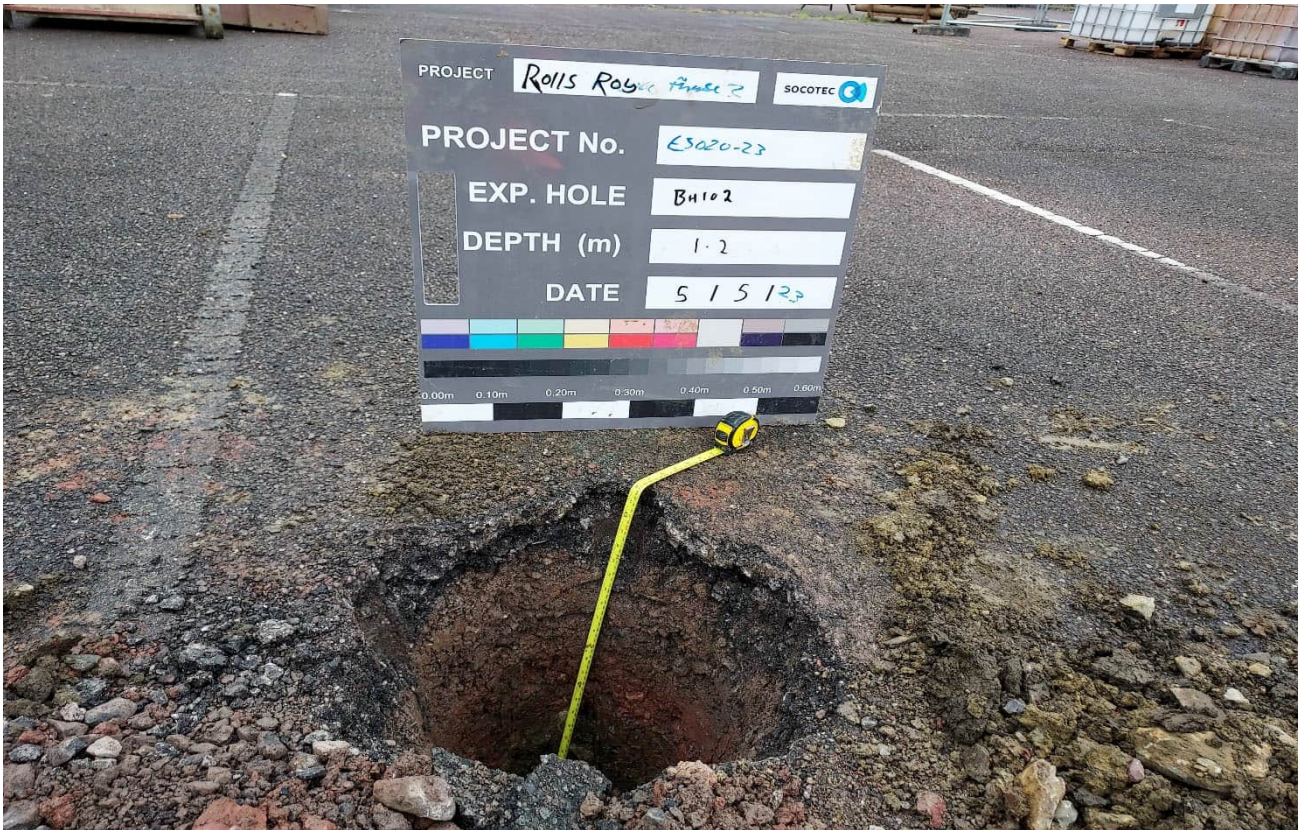
Notes:

Project PROPOSED MANUFACTURING FACILITY AND INCOMING POWER  
SUPPLY  
Project No. E3020-23  
Carried out for Buckingham Group Contracting Limited

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# Inspection Pit Photographs



BH102 Inspection pit\_1



BH102 Inspection pit\_2

|        |  |                |
|--------|--|----------------|
| Notes: | Project <b>PROPOSED MANUFACTURING FACILITY AND INCOMING POWER SUPPLY</b><br>Project No. <b>E3020-23</b><br>Carried out for <b>Buckingham Group Contracting Limited</b> | Sheet <b>5</b> |
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# Inspection Pit Photographs



BH102 Spoil\_1



BH102 Spoil\_2

Notes:

Project PROPOSED MANUFACTURING FACILITY AND INCOMING POWER  
SUPPLY  
Project No. E3020-23  
Carried out for Buckingham Group Contracting Limited

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# Inspection Pit Photographs



BH102 Spoil\_3

Notes:

Project PROPOSED MANUFACTURING FACILITY AND INCOMING POWER  
SUPPLY  
Project No. E3020-23  
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# Inspection Pit Photographs



BH103 Inspection pit\_1

Notes:

Project PROPOSED MANUFACTURING FACILITY AND INCOMING POWER  
SUPPLY  
Project No. E3020-23  
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# Inspection Pit Photographs



BH103 Inspection pit\_2

Notes:

Project PROPOSED MANUFACTURING FACILITY AND INCOMING POWER  
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Carried out for Buckingham Group Contracting Limited

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# Inspection Pit Photographs



BH103 Spoil



BH103A Inspection pit\_1

|        |  |                 |
|--------|--|-----------------|
| Notes: | <p>Project PROPOSED MANUFACTURING FACILITY AND INCOMING POWER SUPPLY</p> <p>Project No. E3020-23</p> <p>Carried out for Buckingham Group Contracting Limited</p> | <p>Sheet 10</p> |
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# Inspection Pit Photographs



BH103A Inspection pit\_2

|        |   |                        |
|--------|---|------------------------|
| Notes: | Project<br>PROPOSED MANUFACTURING FACILITY AND INCOMING POWER<br>SUPPLY<br>Project No.<br>E3020-23<br>Carried out for<br>Buckingham Group Contracting Limited | Sheet<br><br><b>11</b> |
|--------|---|------------------------|

# Inspection Pit Photographs



BH103A Spoil\_1

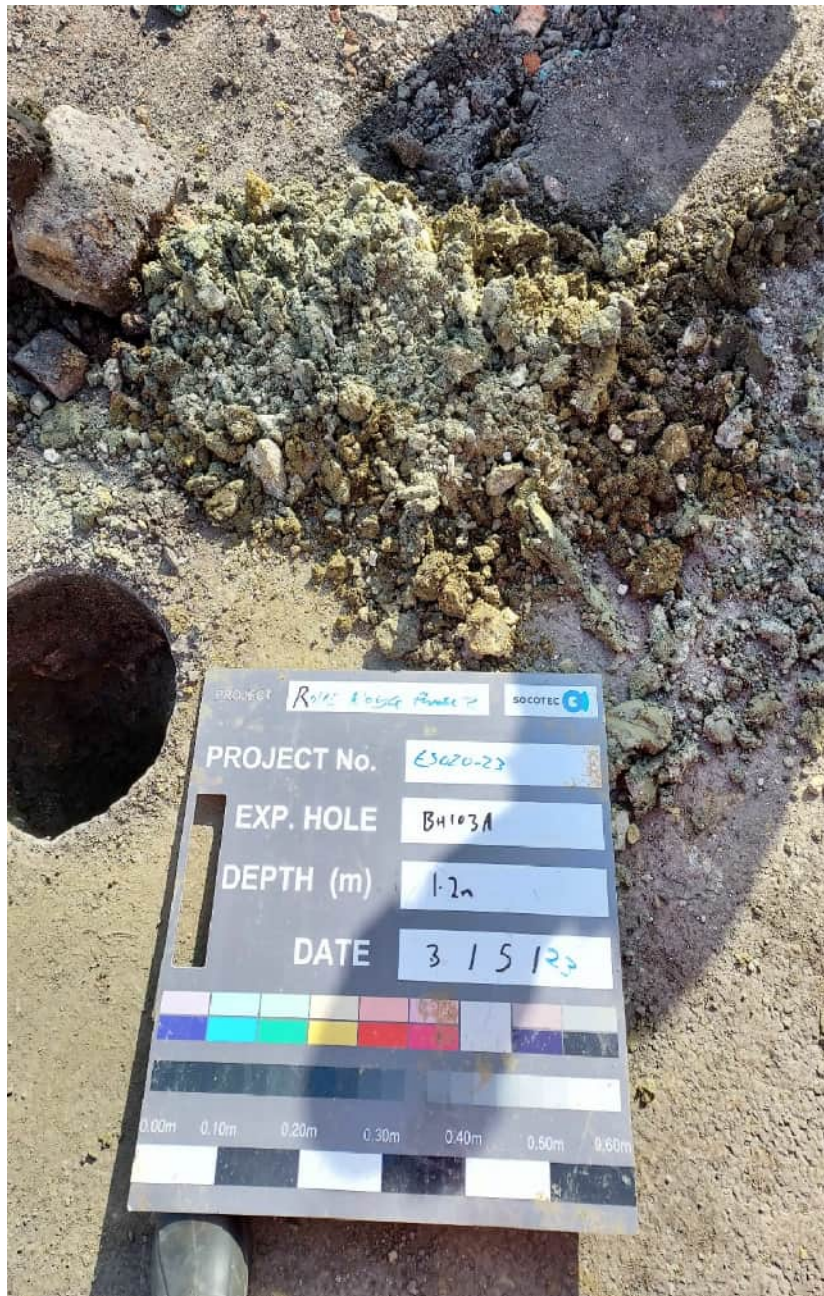
Notes:

Project PROPOSED MANUFACTURING FACILITY AND INCOMING POWER  
SUPPLY  
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Carried out for Buckingham Group Contracting Limited

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# Inspection Pit Photographs



BH103A Spoil\_2

Notes:

Project PROPOSED MANUFACTURING FACILITY AND INCOMING POWER  
SUPPLY  
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# Inspection Pit Photographs



BH104 Inspection pit

|        |   |                        |
|--------|---|------------------------|
| Notes: | Project<br>PROPOSED MANUFACTURING FACILITY AND INCOMING POWER<br>SUPPLY<br>Project No.<br>E3020-23<br>Carried out for<br>Buckingham Group Contracting Limited | Sheet<br><br><b>14</b> |
|--------|---|------------------------|



# Inspection Pit Photographs



BH104 Spoil 0.15m to 0.45m

# Inspection Pit Photographs



BH104 Spoil 0.45m to 1.05m

|        |   |                        |
|--------|---|------------------------|
| Notes: | Project<br>PROPOSED MANUFACTURING FACILITY AND INCOMING POWER<br>SUPPLY<br>Project No.<br>E3020-23<br>Carried out for<br>Buckingham Group Contracting Limited | Sheet<br><br><b>16</b> |
|--------|---|------------------------|





Consolidation worksheet HEBA\_Site end users.xlsx - GAC  
List of Director roles across GAC

| Consolidation worksheet HEBA_Site end users.xlsx - GAC |          | GAC Source |          | GAC Role |          | GAC Title |          | GAC Max  |          | GAC Min  |          | GAC Role |          | GAC Title |          | GAC Max  |          | GAC Min  |          | GAC Role |          | GAC Title |          | GAC Max  |          | GAC Min  |          |          |     |
|--|----------|------------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|----------|-----|
| Director   | Director | Director   | Director | Director | Director | Director  | Director | Director | Director | Director | Director | Director | Director | Director  | Director | Director | Director | Director | Director | Director | Director | Director  | Director | Director | Director | Director | Director | Director |     |
| 1  | 2        | 3          | 4        | 5        | 6        | 7         | 8        | 9        | 10       | 11       | 12       | 13       | 14       | 15        | 16       | 17       | 18       | 19       | 20       | 21       | 22       | 23        | 24       | 25       | 26       | 27       | 28       | 29       | 30  |
| ...  | ...      | ...        | ...      | ...      | ...      | ...       | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...       | ...      | ...      | ...      | ...      | ...      | ...      | ...      | ...       | ...      | ...      | ...      | ...      | ...      | ...      | ... |

|                                      |        |
|--------------------------------------|--------|
| Concentration exceeds GAC            | 100.00 |
| Limit of Detection value exceeds GAC | <0.1   |



| Hole Ref             | BH102            | BH103A           | BH105            | HDP102           | TP101            | TP102            | TP103A           | TP105            |
|----------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| Sample Ref           | 10               | 9                | 4                | 3                | 6                | 1                | 3                | 4                |
| Easting              | 361018.22        | 360966.67        | 360964.38        | 360957.97        | 361013.79        | 360983.92        | 361058.08        | 361048.02        |
| Northing             | 180949.12        | 180940.42        | 180883.06        | 180921.86        | 180914.19        | 180947.15        | 180854.56        | 180915.36        |
| Hole Elevation (mOD) | 57.61            | 57.37            | 56.5             | 57.04            | 57.04            | 57.55            | 55.85            | 56.66            |
| Sample Depth (mbgl)  | 1.3              | 0.5              | 0.3              | 0.8              | 1                | 0.1              | 0.2              | 0.2              |
| Analysis             | 10 to 1          | 10 to 1          | 10 to 1          | 10 to 1          | 10 to 1          | 10 to 1          | 10 to 1          | 10 to 1          |
| Sample Date          | 09/05/23         | 04/05/23         | 05/05/23         | 27/04/23         | 05/05/23         | 28/04/23         | 03/05/23         | 02/05/23         |
| Investigation        | Main Facility GI | Main Facility GI | Main Facility GI | Main Facility GI | Main Facility GI | Main Facility GI | Main Facility GI | Main Facility GI |
| Geology              | WWCT             | MGR              | MGR              | MGR              | MGR              | MGR              | MGR              | MGR              |

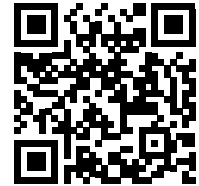
| Contaminant Name         | GAC     | GAC Source | Units    | Total > |     | Min      | Max      | 95th %ile |          |          |          |          |          |          |          |          |  |  |  |  |  |  |
|--------------------------|---------|------------|----------|---------|-----|----------|----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|--|--|--|--|--|--|
|                          |         |            |          | LOD     | GAC |          |          |           | BH102    | BH103A   | BH105    | HDP102   | TP101    | TP102    | TP103A   | TP105    |  |  |  |  |  |  |
| <b>Metal</b>             |         |            |          |         |     |          |          |           |          |          |          |          |          |          |          |          |  |  |  |  |  |  |
| Antimony                 | 0.005   | DWS        | mg/l     | 3 of 8  | 0   | <0.001   | 0.004    | 0.004     | <0.001   | <0.001   | <0.001   | 0.004    | <0.001   | 0.004    | 0.001    | <0.001   |  |  |  |  |  |  |
| Arsenic                  | 0.05    | EQS        | mg/l     | 4 of 8  | 0   | <0.001   | 0.01     | 0.00825   | <0.001   | 0.003    | <0.001   | 0.002    | <0.001   | 0.01     | 0.005    | <0.001   |  |  |  |  |  |  |
| Beryllium                | -       | -          | mg/l     | No GAC  | -   | <0.01    | <0.01    | 0.01      | <0.01    | <0.01    | <0.01    | <0.01    | <0.01    | <0.01    | <0.01    | <0.01    |  |  |  |  |  |  |
| Cadmium                  | 0.00025 | EQS        | mg/l     | 0 of 8  | 0   | <0.00002 | <0.00002 | 0.00002   | <0.00002 | <0.00002 | <0.00002 | <0.00002 | <0.00002 | <0.00002 | <0.00002 | <0.00002 |  |  |  |  |  |  |
| Calcium                  | -       | -          | mg/l     | No GAC  | -   | 35       | 272      | 226.0     | 78       | 272      | 47       | 64       | 88       | 35       |          |          |  |  |  |  |  |  |
| Chromium                 | 0.0047  | EQS        | mg/l     | 4 of 8  | 1   | <0.001   | 0.005    | 0.0043    | <0.001   | <0.001   | <0.001   | 0.002    | <0.001   | 0.005    | 0.003    | 0.002    |  |  |  |  |  |  |
| Chloride                 | 250     | EQS        | mg/l     | 7 of 8  | 0   | <1       | 55       | 46.950    | 10       | 55       | 1        | 1        | 5        | 32       | <1       | 5        |  |  |  |  |  |  |
| Copper                   | 0.01    | PNEC       | mg/l     | 5 of 8  | 0   | <0.001   | 0.005    | 0.00465   | <0.001   | 0.003    | <0.001   | 0.005    | <0.001   | 0.003    | 0.003    | 0.004    |  |  |  |  |  |  |
| Lead                     | 0.003   | PNEC       | mg/l     | 0 of 8  | 0   | <0.001   | <0.001   | 0.001     | <0.001   | <0.001   | <0.001   | <0.001   | <0.001   | <0.001   | <0.001   | <0.001   |  |  |  |  |  |  |
| Manganese                | 1.253   | PNEC       | mg/l     | 2 of 6  | 0   | <0.002   | 0.03     | 0.023     | 0.002    | 0.03     | <0.002   | <0.002   | <0.002   | <0.002   | <0.002   | <0.002   |  |  |  |  |  |  |
| Mercury                  | 0.001   | DWS        | mg/l     | 0 of 8  | 0   | <0.00003 | <0.00003 | 0.00003   | <0.00003 | <0.00003 | <0.00003 | <0.00003 | <0.00003 | <0.00003 | <0.00003 | <0.00003 |  |  |  |  |  |  |
| Nickel                   | 0.016   | PNEC       | mg/l     | 4 of 8  | 0   | <0.001   | 0.003    | 0.00265   | 0.002    | 0.003    | <0.001   | <0.001   | <0.001   | 0.001    | <0.001   | 0.001    |  |  |  |  |  |  |
| Selenium                 | 0.01    | DWS        | mg/l     | 5 of 8  | 0   | <0.001   | 0.006    | 0.006     | 0.006    | 0.002    | <0.001   | <0.001   | 0.006    | 0.004    | <0.001   | 0.002    |  |  |  |  |  |  |
| Vanadium                 | 0.06    | EQS        | mg/l     | 1 of 6  | 0   | <0.001   | 0.009    | 0.007     | <0.001   | <0.001   | <0.001   | <0.001   | <0.001   | 0.009    | <0.001   | <0.001   |  |  |  |  |  |  |
| Zinc                     | 0.02    | PNEC       | mg/l     | 4 of 8  | 0   | <0.002   | 0.006    | 0.0053    | <0.002   | 0.004    | <0.002   | 0.003    | <0.002   | <0.002   | 0.003    | 0.006    |  |  |  |  |  |  |
| <b>Inorganic</b>         |         |            |          |         |     |          |          |           |          |          |          |          |          |          |          |          |  |  |  |  |  |  |
| pH                       | <6 - >9 | -          | pH units | No GAC  | -   | 7.5      | 8.4      | 8.40      | 8        | 8        | 7.9      | 8.3      | 7.6      | 8.4      | 7.5      | 8.4      |  |  |  |  |  |  |
| Cyanide                  | 0.001   | EQS        | mg/l     | 0 of 6  | 0   | <0.02    | <0.02    | 0.02      | <0.02    | <0.02    | <0.02    | <0.02    | <0.02    | <0.02    | <0.02    | <0.02    |  |  |  |  |  |  |
| Ammoniacal Nitrogen as N | 0.3     | EQS        | mg/l     | 5 of 6  | 2   | <0.01    | 9.9      | 8.10      | 9.9      | 2.7      | <0.01    | 1.9      | 0.01     | 3.13     | 1.92     | 0.03     |  |  |  |  |  |  |
| TOC (filtered)           | -       | -          | mg/l     | No GAC  | -   | 1.9      | 3.13     | 3.009     |          |          |          | 1.9      | 0.01     | 3.13     | 1.92     | 0.03     |  |  |  |  |  |  |
| Sulphate as SO4          | -       | -          | mg/l     | No GAC  | -   | 13       | 31       | 29.90     |          |          |          | 13       |          | 31       | 20       |          |  |  |  |  |  |  |
| Phenol Index             | 0.0077  | EQS        | mg/l     | 0 of 8  | 0   | <0.05    | <0.05    | 0.05      | <0.05    | <0.05    | <0.05    | <0.05    | <0.05    | <0.05    | <0.05    | <0.05    |  |  |  |  |  |  |
| <b>PAH</b>               |         |            |          |         |     |          |          |           |          |          |          |          |          |          |          |          |  |  |  |  |  |  |
| Acenaphthene             | -       | -          | mg/l     | No GAC  | -   | <0.00001 | 0.00008  | 0.00007   | 0.00002  | <0.00001 | <0.00001 | <0.00001 | 0.00005  | 0.00008  | <0.00001 | <0.00001 |  |  |  |  |  |  |
| Dibenz-a-h-anthracene    | -       | -          | mg/l     | No GAC  | -   | <0.00001 | <0.00001 | 0.00001   | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 |  |  |  |  |  |  |
| Fluoranthene             | 6.3E-06 | EQS        | mg/l     | 0 of 6  | 0   | <0.00001 | <0.00001 | 0.00001   | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 |  |  |  |  |  |  |
| Fluorene                 | -       | -          | mg/l     | No GAC  | -   | <0.00001 | <0.00001 | 0.00001   | <0.00001 | <0.00001 | <0.00001 | <0.00001 | 0.00001  | <0.00001 | <0.00001 | <0.00001 |  |  |  |  |  |  |
| Indeno(1,2,3-cd)pyrene   | -       | -          | mg/l     | No GAC  | -   | <0.00001 | <0.00001 | 0.00001   | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 |  |  |  |  |  |  |
| Phenanthrene             | -       | -          | mg/l     | No GAC  | -   | <0.00001 | <0.00001 | 0.00001   | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 |  |  |  |  |  |  |
| Pyrene                   | -       | -          | mg/l     | No GAC  | -   | <0.00001 | <0.00001 | 0.00001   | <0.00001 | <0.00001 | <0.00001 | <0.00001 | 0.00001  | <0.00001 | <0.00001 | <0.00001 |  |  |  |  |  |  |
| Naphthalene              | 0.002   | EQS        | mg/l     | 4 of 6  | 0   | <0.00001 | 0.00011  | 0.0001    | <0.00001 | <0.00001 | <0.00001 | 0.00006  | 0.00011  | 0.00005  | 0.00002  | 0.00002  |  |  |  |  |  |  |
| Acenaphthylene           | -       | -          | mg/l     | No GAC  | -   | <0.00001 | 0.00004  | 0.00003   | <0.00001 | <0.00001 | <0.00001 | <0.00001 | 0.00004  | <0.00001 | <0.00001 | <0.00001 |  |  |  |  |  |  |
| Anthracene               | 0.0001  | EQS        | mg/l     | 0 of 6  | 0   | <0.00001 | <0.00001 | 0.00001   | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 |  |  |  |  |  |  |
| Benzo(a)anthracene       | -       | -          | mg/l     | No GAC  | -   | <0.00001 | <0.00001 | 0.00001   | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 |  |  |  |  |  |  |
| Benzo (g,h,i) perylene   | -       | -          | mg/l     | No GAC  | -   | <0.00001 | <0.00001 | 0.00001   | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 |  |  |  |  |  |  |
| Benzo(a)pyrene           | 1.7E-07 | EQS        | mg/l     | 0 of 6  | 0   | <0.00001 | <0.00001 | 0.00001   | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 |  |  |  |  |  |  |
| Benzo(b)fluoranthene     | -       | -          | mg/l     | No GAC  | -   | <0.00001 | <0.00001 | 0.00001   | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 |  |  |  |  |  |  |
| Benzo(k)fluoranthene     | -       | -          | mg/l     | No GAC  | -   | <0.00001 | <0.00001 | 0.00001   | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 |  |  |  |  |  |  |
| Chrysene                 | -       | -          | mg/l     | No GAC  | -   | <0.00001 | <0.00001 | 0.00001   | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 | <0.00001 |  |  |  |  |  |  |
| PAH 16 Total             | 0.0001  | DWS        | mg/l     | 5 of 6  | 5   | <0.00016 | 0.00073  | 0.00071   | 0.00018  | <0.00016 | 0.00066  | 0.00073  | 0.0003   | 0.00017  | 0.00017  | 0.00017  |  |  |  |  |  |  |
| <b>BTEX</b>              |         |            |          |         |     |          |          |           |          |          |          |          |          |          |          |          |  |  |  |  |  |  |
| Benzene                  | 0.01    | EQS        | mg/l     | 0 of 6  | 0   | <0.001   | <0.001   | 0.001     | <0.001   | <0.001   | <0.001   | <0.001   | <0.001   | <0.001   | <0.001   | <0.001   |  |  |  |  |  |  |
| Toluene                  | 0.074   | EQS        | mg/l     | 0 of 6  | 0   | <0.001   | <0.001   | 0.001     | <0.001   | <0.001   | <0.001   | <0.001   | <0.001   | <0.001   | <0.001   | <0.001   |  |  |  |  |  |  |
| Ethylbenzene             | 0.02    | EQS        | mg/l     | 0 of 6  | 0   | <0.0005  | <0.0005  | 0.0005    | <0.0005  | <0.0005  | <0.0005  | <0.0005  | <0.0005  | <0.0005  | <0.0005  | <0.0005  |  |  |  |  |  |  |
| O-Xylene                 | 0.03    | EQS        | mg/l     | 0 of 6  | 0   | <0.001   | <0.001   | 0.001     | <0.001   | <0.001   | <0.001   | <0.001   | <0.001   | <0.001   | <0.001   | <0.001   |  |  |  |  |  |  |
| m,p xylenes              | 0.03    | EQS        | mg/l     | 0 of 6  | 0   | <0.001   | <0.001   | 0.001     | <0.001   | <0.001   | <0.001   | <0.001   | <0.001   | <0.001   | <0.001   | <0.001   |  |  |  |  |  |  |
| <b>Other</b>             |         |            |          |         |     |          |          |           |          |          |          |          |          |          |          |          |  |  |  |  |  |  |
| Barium                   | 0.7     | WHO        | mg/l     | 3 of 3  | 0   | 0.02     | 0.08     | 0.079     |          |          |          | 0.07     |          | 0.02     |          | 0.08     |  |  |  |  |  |  |
| Fluoride                 | -       | -          | mg/l     | No GAC  | -   | 0.4      | 1.8      | 1.690     |          |          |          | 0.4      |          | 0.7      |          | 1.8      |  |  |  |  |  |  |
| Molybdenum               | -       | -          | mg/l     | No GAC  | -   | 0.008    | 0.017    | 0.0161    |          |          |          | 0.008    |          | 0.017    |          | 0.008    |  |  |  |  |  |  |
| Total dissolved solids   | -       | -          | mg/l     | No GAC  | -   | <70      | 91       | 90.0      |          |          |          | <70      |          | 91       |          | 81       |  |  |  |  |  |  |



## Waste Classification Report

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

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



DSLJ1-05EF6-CKKQ4

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

### Job name

Project X\_Main facility GI

### Description/Comments

Waste classification of soils as part of GIR

### Project

287534

### Site

### Classified by

Name: **Nick Kontochristos**  
 Date: **09 Aug 2023 19:04 GMT**  
 Telephone:

Company: **Ove Arup**  
**4 Pierhead Street Capital Waterside Cardiff**  
**CF10 4QP United Kingdom**

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

### HazWasteOnline™ Certification:

**CERTIFIED**

Course  
 Hazardous Waste Classification  
 Most recent 3 year Refresher

Date  
 18 Jun 2019  
 07 Jun 2022

Next 3 year Refresher due by Jun 2025

### Purpose of classification

2 - Material Characterisation

### Address of the waste

Rolls-Royce, Little Stoke, Bristol

Post Code N/A

### SIC for the process giving rise to the waste

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

### Description of industry/producer giving rise to the waste

Redevelopment of site formerly used as a waste compound (for storage of COSHH, holding various oils and lubricants) and electricity substation as well as asphalt surface car park.

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

Waste created during the construction of a new manufacturing facility including ancillary buildings

### Description of the waste

Cohesive Made Ground comprising soft to Firm dark grey / greenish brown / light brown slightly sandy / sandy, slight gravelly to very gravelly CLAY / SILT. Gravel is angular to subangular fragments of materials such as concrete, limestone, and brick. Some of the soils logged contained cobble and boulder content, occasionally including materials like metal rebar, ceramics, glass, and rare relict wiring. One soil sample also contains an unidentified blue powder. Some soils contain organic matter, with instances of relic roots, organic plant matter, and occasional peat pockets.

Coarse Made Ground (imported for subbase beneath roads and slabs) comprising brownish grey / reddish brown / grey / light orangish grey / light brown / black / dark brownish grey / light pinkish grey sandy, sandy clayey, and partly cemented angular to subangular fine to coarse GRAVEL with low to high cobble content. Gravel include concrete, brick, limestone, granite, quartzite, macadam. Cobble and boulder content varies, with some soils having high cobble content composed of materials like red and yellow brick, concrete, and whole bricks. Sand is fine to coarse.

## Job summary

| #  | Sample name                 | Depth [m] | Classification Result | Hazard properties    | Page |
|----|-----------------------------|-----------|-----------------------|----------------------|------|
| 1  | TP103-7-ES-0.10-26/04/2023  | 0.10      | Hazardous             | HP 7, HP 14          | 3    |
| 2  | HDP102-2-ES-0.30-27/04/2023 | 0.30      | Non Hazardous         |                      | 6    |
| 3  | HDP102-3-ES-0.80-27/04/2023 | 0.80      | Non Hazardous         |                      | 9    |
| 4  | TP102-1-ES-0.10-28/04/2023  | 0.10      | Non Hazardous         |                      | 15   |
| 5  | TP102-5-ES-0.70-28/04/2023  | 0.70      | Non Hazardous         |                      | 18   |
| 6  | TP102-8-ES-0.90-28/04/2023  | 0.90      | Non Hazardous         |                      | 20   |
| 7  | BH103-9-ES-0.50-04/05/2023  | 0.50      | Non Hazardous         |                      | 26   |
| 8  | BH103-12-ES-1.10-04/05/2023 | 1.10      | Hazardous             | HP 3(i), HP 7, HP 11 | 32   |
| 9  | TP103A-3-ES-0.20-03/05/2023 | 0.20      | Non Hazardous         |                      | 39   |
| 10 | TP104-3-ES-0.20-04/05/2023  | 0.20      | Non Hazardous         |                      | 42   |
| 11 | TP105-4-ES-0.20-02/05/2023  | 0.20      | Non Hazardous         |                      | 45   |
| 12 | TP101-6-ES-1.00-05/05/2023  | 1.00      | Non Hazardous         |                      | 48   |
| 13 | BH102-3-ES-0.20-05/05/2023  | 0.20      | Non Hazardous         |                      | 54   |
| 14 | BH102-10-ES-1.30-09/05/2023 | 1.30      | Non Hazardous         |                      | 57   |
| 15 | BH102-14-ES-2.90-09/05/2023 | 2.90      | Non Hazardous         |                      | 63   |
| 16 | BH105-4-ES-0.30-05/05/2023  | 0.30      | Non Hazardous         |                      | 69   |
| 17 | BH105-7-ES-0.60-05/05/2023  | 0.60      | Non Hazardous         |                      | 75   |
| 18 | BH104-7-ES-0.50-11/05/2023  | 0.50      | Non Hazardous         |                      | 81   |
| 19 | BH104-10-ES-1.40-11/05/2023 | 1.40      | Non Hazardous         |                      | 84   |
| 20 | TP101-7-ES-0.10-10/05/2023  | 0.10      | Non Hazardous         |                      | 87   |
| 21 | TP104-9-ES-0.60-10/05/2023  | 0.60      | Non Hazardous         |                      | 90   |
| 22 | AS1-1-ES-0.00-17/05/2023    |           | Hazardous             | HP 7                 | 93   |
| 23 | HDP101-2-ES-0.50-16/05/2023 | 0.50      | Hazardous             | HP 3(i), HP 7, HP 11 | 94   |
| 24 | HDP101-3-ES-0.65-16/05/2023 | 0.65      | Hazardous             | HP 3(i), HP 7, HP 11 | 101  |
| 25 | TT101-1-ES-0.10-15/05/2023  | 0.10      | Non Hazardous         |                      | 108  |
| 26 | TT101-4-ES-0.40-15/05/2023  | 0.40      | Non Hazardous         |                      | 110  |
| 27 | BH106-3-ES-0.15-15/05/2023  | 0.15      | Non Hazardous         |                      | 113  |
| 28 | BH106-9-ES-0.70-15/05/2023  | 0.70      | Non Hazardous         |                      | 115  |
| 29 | BH101-1-ES-0.20-26/05/2023  | 0.20      | Non Hazardous         |                      | 118  |
| 30 | BH101-7-ES-0.70-26/05/2023  | 0.70      | Non Hazardous         |                      | 124  |
| 31 | BH103-2-ES-0.20-02/05/2023  | 0.20      | Non Hazardous         |                      | 130  |

## Related documents

| #  | Name   | Description                                   |
|----|--|---|
| 1  | 23052701_HWOL_V01.hwol                               | SOCOTEC .hwol file used to populate the Job   |
| 2  | 23042930_HWOL_V01.hwol                               | SOCOTEC .hwol file used to populate the Job   |
| 3  | 23042931_HWOL_V01.hwol                               | SOCOTEC .hwol file used to populate the Job   |
| 4  | 23050195_HWOL_V01.hwol                               | SOCOTEC .hwol file used to populate the Job   |
| 5  | 23050200_HWOL_V01.hwol                               | SOCOTEC .hwol file used to populate the Job   |
| 6  | 23050243_HWOL_V01.hwol                               | SOCOTEC .hwol file used to populate the Job   |
| 7  | 23050285_HWOL_V01.hwol                               | SOCOTEC .hwol file used to populate the Job   |
| 8  | 23050818_HWOL_V01.hwol                               | SOCOTEC .hwol file used to populate the Job   |
| 9  | 23051149_HWOL_V01.hwol                               | SOCOTEC .hwol file used to populate the Job   |
| 10 | 23051524_HWOL_V01.hwol                               | SOCOTEC .hwol file used to populate the Job   |
| 11 | 23051525_HWOL_V01.hwol                               | SOCOTEC .hwol file used to populate the Job   |
| 12 | 23052523_HWOL_V01.hwol                               | SOCOTEC .hwol file used to populate the Job   |
| 13 | 23052698_HWOL_V01.hwol                               | SOCOTEC .hwol file used to populate the Job   |
| 14 | 23052760_HWOL_V01.hwol                               | SOCOTEC .hwol file used to populate the Job   |
| 15 | 23052765_HWOL_V01.hwol                               | SOCOTEC .hwol file used to populate the Job   |
| 16 | 23053105_HWOL_V01.hwol                               | SOCOTEC .hwol file used to populate the Job   |
| 17 | 23060051_HWOL_V01.hwol                               | SOCOTEC .hwol file used to populate the Job   |
| 18 | 23060737_HWOL_V01.hwol                               | SOCOTEC .hwol file used to populate the Job   |
| 19 | Project X_Main facility_HWOL.batch                   | SOCOTEC .batch file used to populate the Job  |
| 20 | Example waste stream template for contaminated soils | waste stream template used to create this Job |

## Report

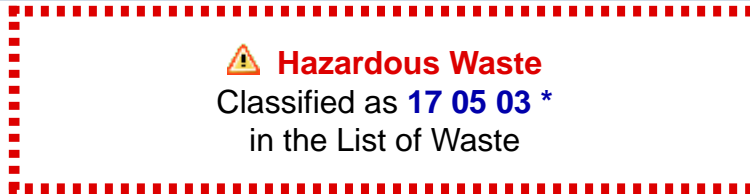
Created by: Nick Kontochristos

Created date: 09 Aug 2023 19:04 GMT

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|--|------|
| Appendix A: Classifier defined and non GB MCL determinands | 136  |
| Appendix B: Rationale for selection of metal species       | 140  |
| Appendix C: Version  | 141  |



Classification of sample: TP103-7-ES-0.10-26/04/2023



### Sample details

|                            |           |   |
|----------------------------|-----------|---|
| Sample name:               | LoW Code: |   |
| TP103-7-ES-0.10-26/04/2023 | Chapter:  | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth:              | Entry:    | 17 05 03 * (Soil and stones containing hazardous substances)                              |
| 0.10 m                     |           |   |
| Moisture content:          |           |   |
| 11.7%                      |           |   |
| (wet weight correction)    |           |   |

### Hazard properties

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

Hazard Statements hit:

**Carc. 1A; 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 compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 0.149%)

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

Hazard Statements hit:

**Aquatic Chronic 1; H410** "Very toxic to aquatic life with long lasting effects."

Because of determinands:

lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 0.149%)

zinc sulphate: (compound conc.: 0.533%)

### Determinands

Moisture content: 11.7% Wet Weight Moisture Correction applied (MC)

| # | Determinand  |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|---|--|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|   | EU CLP index number  | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1 | antimony { antimony trioxide }   |           |            |          | 30.6              | mg/kg | 1.197        | 32.345         | mg/kg | 0.00323 %            | ✓          |                |
|   | 051-005-00-X   | 215-175-0 | 1309-64-4  |          |                   |       |              |                |       |                      |            |                |
| 2 | arsenic { arsenic trioxide }   |           |            |          | 28.8              | mg/kg | 1.32         | 33.576         | mg/kg | 0.00336 %            | ✓          |                |
|   | 033-003-00-0   | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 3 | beryllium { beryllium oxide }  |           |            |          | 0.63              | mg/kg | 2.775        | 1.544          | mg/kg | 0.000154 %           | ✓          |                |
|   | 004-003-00-8   | 215-133-1 | 1304-56-9  |          |                   |       |              |                |       |                      |            |                |
| 4 | boron { diboron trioxide; boric oxide }  |           |            |          | 0.8               | mg/kg | 3.22         | 2.275          | mg/kg | 0.000227 %           | ✓          |                |
|   | 005-008-00-8   | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 5 | cadmium { cadmium oxide }  |           |            |          | 2.8               | mg/kg | 1.142        | 2.824          | mg/kg | 0.000282 %           | ✓          |                |
|   | 048-002-00-0   | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 6 | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }   |           |            |          | 29                | mg/kg | 1.462        | 37.426         | mg/kg | 0.00374 %            | ✓          |                |
|   |  | 215-160-9 | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 7 | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |           |            |          | <0.1              | mg/kg | 2.27         | <0.227         | mg/kg | <0.0000227 %         |            | <LOD           |
|   | 024-017-00-8   |           |            |          |                   |       |              |                |       |                      |            |                |
| 8 | copper { dicopper oxide; copper (I) oxide }  |           |            |          | 40.9              | mg/kg | 1.126        | 40.661         | mg/kg | 0.00407 %            | ✓          |                |
|   | 029-002-00-X   | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |

| #  | 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   |          |                   |       |              |                |       |                      |            |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }   |  |  | 1        | 1685              | mg/kg |              | 1487.855       | mg/kg | 0.149 %              | ✓          |                |
|    | 082-001-00-6   |  |  |          |                   |       |              |                |       |                      |            |                |
| 10 | mercury { mercury dichloride }   |  |  |          | <0.5              | mg/kg | 1.353        | <0.677         | mg/kg | <0.0000677 %         |            | <LOD           |
|    | 080-010-00-X   | 231-299-8  | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 11 | nickel { nickel sulfate }  |  |  |          | 25.6              | mg/kg | 2.637        | 59.602         | mg/kg | 0.00596 %            | ✓          |                |
|    | 028-009-00-5   | 232-104-9  | 7786-81-4  |          |                   |       |              |                |       |                      |            |                |
| 12 | selenium { nickel selenate }   |  |  |          | <0.5              | mg/kg | 2.554        | <1.277         | mg/kg | <0.000128 %          |            | <LOD           |
|    | 028-031-00-5   | 239-125-2  | 15060-62-5   |          |                   |       |              |                |       |                      |            |                |
| 13 | zinc { zinc sulphate }   |  |  |          | 2445              | mg/kg | 2.469        | 5331.05        | mg/kg | 0.533 %              | ✓          |                |
|    | 030-006-00-9   | 231-793-3 [1]<br>231-793-3 [2]                                   | 7446-19-7 [1]<br>7733-02-0 [2]                               |          |                   |       |              |                |       |                      |            |                |
| 14 | TPH (C6 to C40) petroleum group  |  |  |          | 137               | mg/kg |              | 120.971        | mg/kg | 0.0121 %             | ✓          |                |
|    |  |  | TPH  |          |                   |       |              |                |       |                      |            |                |
| 15 | benzene  |  |  |          | <0.001            | mg/kg |              | <0.001         | mg/kg | <0.0000001 %         |            | <LOD           |
|    | 601-020-00-8   | 200-753-7  | 71-43-2  |          |                   |       |              |                |       |                      |            |                |
| 16 | toluene  |  |  |          | <0.005            | mg/kg |              | <0.005         | mg/kg | <0.0000005 %         |            | <LOD           |
|    | 601-021-00-3   | 203-625-9  | 108-88-3   |          |                   |       |              |                |       |                      |            |                |
| 17 | ethylbenzene   |  |  |          | <0.002            | mg/kg |              | <0.002         | mg/kg | <0.0000002 %         |            | <LOD           |
|    | 601-023-00-4   | 202-849-4  | 100-41-4   |          |                   |       |              |                |       |                      |            |                |
| 18 | xylene   |  |  |          | <0.04             | mg/kg |              | <0.04          | mg/kg | <0.000004 %          |            | <LOD           |
|    | 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] |          |                   |       |              |                |       |                      |            |                |
| 19 | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } |  |  |          | <0.6              | mg/kg | 1.884        | <1.13          | mg/kg | <0.000113 %          |            | <LOD           |
|    | 006-007-00-5   |  |  |          |                   |       |              |                |       |                      |            |                |
| 20 | pH   |  |  |          | 8.8               | pH    |              | 8.8            | pH    | 8.8 pH               |            |                |
|    |  |  | PH   |          |                   |       |              |                |       |                      |            |                |
| 21 | naphthalene  |  |  |          | <0.09             | mg/kg |              | <0.09          | mg/kg | <0.000009 %          |            | <LOD           |
|    | 601-052-00-2   | 202-049-5  | 91-20-3  |          |                   |       |              |                |       |                      |            |                |
| 22 | acenaphthylene   |  |  |          | 0.16              | mg/kg |              | 0.141          | mg/kg | 0.0000141 %          | ✓          |                |
|    |  | 205-917-1  | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 23 | acenaphthene   |  |  |          | <0.09             | mg/kg |              | <0.09          | mg/kg | <0.000009 %          |            | <LOD           |
|    |  | 201-469-6  | 83-32-9  |          |                   |       |              |                |       |                      |            |                |
| 24 | fluorene   |  |  |          | <0.09             | mg/kg |              | <0.09          | mg/kg | <0.000009 %          |            | <LOD           |
|    |  | 201-695-5  | 86-73-7  |          |                   |       |              |                |       |                      |            |                |
| 25 | phenanthrene   |  |  |          | 0.83              | mg/kg |              | 0.733          | mg/kg | 0.0000733 %          | ✓          |                |
|    |  | 201-581-5  | 85-01-8  |          |                   |       |              |                |       |                      |            |                |
| 26 | anthracene   |  |  |          | 0.43              | mg/kg |              | 0.38           | mg/kg | 0.000038 %           | ✓          |                |
|    |  | 204-371-1  | 120-12-7   |          |                   |       |              |                |       |                      |            |                |
| 27 | fluoranthene   |  |  |          | 4.16              | mg/kg |              | 3.673          | mg/kg | 0.000367 %           | ✓          |                |
|    |  | 205-912-4  | 206-44-0   |          |                   |       |              |                |       |                      |            |                |
| 28 | pyrene   |  |  |          | 3.98              | mg/kg |              | 3.514          | mg/kg | 0.000351 %           | ✓          |                |
|    |  | 204-927-3  | 129-00-0   |          |                   |       |              |                |       |                      |            |                |
| 29 | benzo[a]anthracene   |  |  |          | 1.32              | mg/kg |              | 1.166          | mg/kg | 0.000117 %           | ✓          |                |
|    | 601-033-00-9   | 200-280-6  | 56-55-3  |          |                   |       |              |                |       |                      |            |                |
| 30 | chrysene   |  |  |          | 1.8               | mg/kg |              | 1.589          | mg/kg | 0.000159 %           | ✓          |                |
|    | 601-048-00-0   | 205-923-4  | 218-01-9   |          |                   |       |              |                |       |                      |            |                |
| 31 | benzo[b]fluoranthene   |  |  |          | 1.86              | mg/kg |              | 1.642          | mg/kg | 0.000164 %           | ✓          |                |
|    | 601-034-00-4   | 205-911-9  | 205-99-2   |          |                   |       |              |                |       |                      |            |                |
| 32 | benzo[k]fluoranthene   |  |  |          | 0.99              | mg/kg |              | 0.874          | mg/kg | 0.0000874 %          | ✓          |                |
|    | 601-036-00-5   | 205-916-6  | 207-08-9   |          |                   |       |              |                |       |                      |            |                |
| 33 | benzo[a]pyrene; benzo[def]chrysene   |  |  |          | 1.65              | mg/kg |              | 1.457          | mg/kg | 0.000146 %           | ✓          |                |
|    | 601-032-00-3   | 200-028-5  | 50-32-8  |          |                   |       |              |                |       |                      |            |                |
| 34 | indeno[123-cd]pyrene   |  |  |          | 1.01              | mg/kg |              | 0.892          | mg/kg | 0.0000892 %          | ✓          |                |
|    |  | 205-893-2  | 193-39-5   |          |                   |       |              |                |       |                      |            |                |

| #      | 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 |          |                   |              |                |                      |            |                |
| 35     | dibenz[a,h]anthracene<br>601-041-00-2   200-181-8   53-70-3                                    |           |            |          | 0.24 mg/kg        |              | 0.212 mg/kg    | 0.0000212 %          | ✓          |                |
| 36     | benzo[ghi]perylene<br>  205-883-8   191-24-2   |           |            |          | 0.94 mg/kg        |              | 0.83 mg/kg     | 0.000083 %           | ✓          |                |
| 37     | phenol<br>604-001-00-2   203-632-7   108-95-2  |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 38     | vanadium { divanadium pentaoxide; vanadium pentoxide }<br>023-001-00-8   215-239-8   1314-62-1 |           |            |          | 27 mg/kg          | 1.785        | 42.561 mg/kg   | 0.00426 %            | ✓          |                |
| Total: |  |           |            |          |                   |              |                | 0.721 %              |            |                |

#### 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 because** Hazard Property HP 3(i) Flammable on account of TPH. 'Flammable liquid waste' defined as 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). The flammability risk of the materials can only be confirmed by means of flash point testing, which was not undertaken as part of the ground investigation. However, the hazardous property HP3(i) relates to liquid waste and the materials sampled were solid. In order to assess the Hazard HP3, the 'decision tree' presented in the WM3 guidance for 'Waste soil' in relation to Hazard HP 3 was followed. The assessment process indicated that the Hazard Property HP 3(i) in the samples listed above can be discounted. The samples are therefore not considered to be 'truly hazardous' by virtue of HP 3(i) and a non-hazardous class is considered most appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0121%)

**Classification of sample: HDP102-2-ES-0.30-27/04/2023**

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

**Sample details**

|                                    |  |
|------------------------------------|--|
| Sample name:                       | LoW Code:  |
| <b>HDP102-2-ES-0.30-27/04/2023</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>0.30 m</b>                      |  |
| Moisture content:                  |  |
| <b>19.4%</b>                       |  |
| (wet weight correction)            |  |

**Hazard properties**

None identified


**Determinands**

Moisture content: 19.4% Wet Weight Moisture Correction applied (MC)

| #  | Determinand   |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|---|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number   | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 1  | antimony { antimony trioxide }  |                                |                                |          | 3.1 mg/kg         | 1.197        | 2.991 mg/kg    | 0.000299 %           | ✓          |                |
|    | 051-005-00-X  | 215-175-0                      | 1309-64-4                      |          |                   |              |                |                      |            |                |
| 2  | arsenic { arsenic trioxide }  |                                |                                |          | 17.1 mg/kg        | 1.32         | 18.198 mg/kg   | 0.00182 %            | ✓          |                |
|    | 033-003-00-0  | 215-481-4                      | 1327-53-3                      |          |                   |              |                |                      |            |                |
| 3  | beryllium { beryllium oxide }   |                                |                                |          | 0.59 mg/kg        | 2.775        | 1.32 mg/kg     | 0.000132 %           | ✓          |                |
|    | 004-003-00-8  | 215-133-1                      | 1304-56-9                      |          |                   |              |                |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }   |                                |                                |          | 1.2 mg/kg         | 3.22         | 3.114 mg/kg    | 0.000311 %           | ✓          |                |
|    | 005-008-00-8  | 215-125-8                      | 1303-86-2                      |          |                   |              |                |                      |            |                |
| 5  | cadmium { cadmium oxide }   |                                |                                |          | 1.4 mg/kg         | 1.142        | 1.289 mg/kg    | 0.000129 %           | ✓          |                |
|    | 048-002-00-0  | 215-146-2                      | 1306-19-0                      |          |                   |              |                |                      |            |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }  |                                |                                |          | 29.4 mg/kg        | 1.462        | 34.634 mg/kg   | 0.00346 %            | ✓          |                |
|    |   | 215-160-9                      | 1308-38-9                      |          |                   |              |                |                      |            |                |
| 7  | chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                |          | <0.1 mg/kg        | 2.27         | <0.227 mg/kg   | <0.0000227 %         |            | <LOD           |
|    |   |                                |                                |          |                   |              |                |                      |            |                |
| 8  | copper { dicopper oxide; copper (I) oxide }   |                                |                                |          | 33.5 mg/kg        | 1.126        | 30.4 mg/kg     | 0.00304 %            | ✓          |                |
|    | 029-002-00-X  | 215-270-7                      | 1317-39-1                      |          |                   |              |                |                      |            |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }  |                                |                                | 1        | 151.3 mg/kg       |              | 121.948 mg/kg  | 0.0122 %             | ✓          |                |
|    | 082-001-00-6  |                                |                                |          |                   |              |                |                      |            |                |
| 10 | mercury { mercury dichloride }  |                                |                                |          | <0.5 mg/kg        | 1.353        | <0.677 mg/kg   | <0.0000677 %         |            | <LOD           |
|    | 080-010-00-X  | 231-299-8                      | 7487-94-7                      |          |                   |              |                |                      |            |                |
| 11 | nickel { nickel sulfate }   |                                |                                |          | 32.8 mg/kg        | 2.637        | 69.706 mg/kg   | 0.00697 %            | ✓          |                |
|    | 028-009-00-5  | 232-104-9                      | 7786-81-4                      |          |                   |              |                |                      |            |                |
| 12 | selenium { nickel selenate }  |                                |                                |          | <0.5 mg/kg        | 2.554        | <1.277 mg/kg   | <0.000128 %          |            | <LOD           |
|    | 028-031-00-5  | 239-125-2                      | 15060-62-5                     |          |                   |              |                |                      |            |                |
| 13 | zinc { zinc sulphate }  |                                |                                |          | 239.3 mg/kg       | 2.469        | 476.268 mg/kg  | 0.0476 %             | ✓          |                |
|    | 030-006-00-9  | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |              |                |                      |            |                |
| 14 | TPH (C6 to C40) petroleum group   |                                |                                |          | 118 mg/kg         |              | 95.108 mg/kg   | 0.00951 %            | ✓          |                |
|    |   |                                | TPH                            |          |                   |              |                |                      |            |                |

| #      | 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   |          |                   |              |                |                      |            |                |
| 15     | benzene  |  |  |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|        | 601-020-00-8   | 200-753-7  | 71-43-2  |          |                   |              |                |                      |            |                |
| 16     | toluene  |  |  |          | <0.007 mg/kg      |              | <0.007 mg/kg   | <0.0000007 %         |            | <LOD           |
|        | 601-021-00-3   | 203-625-9  | 108-88-3   |          |                   |              |                |                      |            |                |
| 17     | ethylbenzene   |  |  |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
|        | 601-023-00-4   | 202-849-4  | 100-41-4   |          |                   |              |                |                      |            |                |
| 18     | xylene   |  |  |          | <0.045 mg/kg      |              | <0.045 mg/kg   | <0.0000045 %         |            | <LOD           |
|        | 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] |          |                   |              |                |                      |            |                |
| 19     | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } |  |  |          | <0.6 mg/kg        | 1.884        | <1.13 mg/kg    | <0.000113 %          |            | <LOD           |
|        | 006-007-00-5   |  |  |          |                   |              |                |                      |            |                |
| 20     | pH   |  |  |          | 9.1 pH            |              | 9.1 pH         | 9.1 pH               |            |                |
|        |  |  | PH   |          |                   |              |                |                      |            |                |
| 21     | naphthalene  |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        | 601-052-00-2   | 202-049-5  | 91-20-3  |          |                   |              |                |                      |            |                |
| 22     | acenaphthylene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        |  | 205-917-1  | 208-96-8   |          |                   |              |                |                      |            |                |
| 23     | acenaphthene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        |  | 201-469-6  | 83-32-9  |          |                   |              |                |                      |            |                |
| 24     | fluorene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        |  | 201-695-5  | 86-73-7  |          |                   |              |                |                      |            |                |
| 25     | phenanthrene   |  |  |          | 0.77 mg/kg        |              | 0.621 mg/kg    | 0.0000621 %          | ✓          |                |
|        |  | 201-581-5  | 85-01-8  |          |                   |              |                |                      |            |                |
| 26     | anthracene   |  |  |          | 0.37 mg/kg        |              | 0.298 mg/kg    | 0.0000298 %          | ✓          |                |
|        |  | 204-371-1  | 120-12-7   |          |                   |              |                |                      |            |                |
| 27     | fluoranthene   |  |  |          | 3.42 mg/kg        |              | 2.757 mg/kg    | 0.000276 %           | ✓          |                |
|        |  | 205-912-4  | 206-44-0   |          |                   |              |                |                      |            |                |
| 28     | pyrene   |  |  |          | 3.4 mg/kg         |              | 2.74 mg/kg     | 0.000274 %           | ✓          |                |
|        |  | 204-927-3  | 129-00-0   |          |                   |              |                |                      |            |                |
| 29     | benzo[a]anthracene   |  |  |          | 1.07 mg/kg        |              | 0.862 mg/kg    | 0.0000862 %          | ✓          |                |
|        | 601-033-00-9   | 200-280-6  | 56-55-3  |          |                   |              |                |                      |            |                |
| 30     | chrysene   |  |  |          | 1.42 mg/kg        |              | 1.145 mg/kg    | 0.000114 %           | ✓          |                |
|        | 601-048-00-0   | 205-923-4  | 218-01-9   |          |                   |              |                |                      |            |                |
| 31     | benzo[b]fluoranthene   |  |  |          | 1.34 mg/kg        |              | 1.08 mg/kg     | 0.000108 %           | ✓          |                |
|        | 601-034-00-4   | 205-911-9  | 205-99-2   |          |                   |              |                |                      |            |                |
| 32     | benzo[k]fluoranthene   |  |  |          | 0.83 mg/kg        |              | 0.669 mg/kg    | 0.0000669 %          | ✓          |                |
|        | 601-036-00-5   | 205-916-6  | 207-08-9   |          |                   |              |                |                      |            |                |
| 33     | benzo[a]pyrene; benzo[def]chrysene   |  |  |          | 1.23 mg/kg        |              | 0.991 mg/kg    | 0.0000991 %          | ✓          |                |
|        | 601-032-00-3   | 200-028-5  | 50-32-8  |          |                   |              |                |                      |            |                |
| 34     | indeno[123-cd]pyrene   |  |  |          | 0.71 mg/kg        |              | 0.572 mg/kg    | 0.0000572 %          | ✓          |                |
|        |  | 205-893-2  | 193-39-5   |          |                   |              |                |                      |            |                |
| 35     | dibenz[a,h]anthracene  |  |  |          | 0.17 mg/kg        |              | 0.137 mg/kg    | 0.0000137 %          | ✓          |                |
|        | 601-041-00-2   | 200-181-8  | 53-70-3  |          |                   |              |                |                      |            |                |
| 36     | benzo[ghi]perylene   |  |  |          | 0.68 mg/kg        |              | 0.548 mg/kg    | 0.0000548 %          | ✓          |                |
|        |  | 205-883-8  | 191-24-2   |          |                   |              |                |                      |            |                |
| 37     | phenol   |  |  |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
|        | 604-001-00-2   | 203-632-7  | 108-95-2   |          |                   |              |                |                      |            |                |
| 38     | vanadium { divanadium pentaoxide; vanadium pentoxide }   |  |  |          | 41.3 mg/kg        | 1.785        | 59.425 mg/kg   | 0.00594 %            | ✓          |                |
|        | 023-001-00-8   | 215-239-8  | 1314-62-1  |          |                   |              |                |                      |            |                |
| Total: |  |  |  |          |                   |              |                | 0.0931 %             |            |                |

## 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 because** Hazard Property HP 3(i) Flammable on account of TPH. 'Flammable liquid waste' defined as 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). The flammability risk of the materials can only be confirmed by means of flash point testing, which was not undertaken as part of the ground investigation. However, the hazardous property HP3(i) relates to liquid waste and the materials sampled were solid. In order to assess the Hazard HP3, the 'decision tree' presented in the WM3 guidance for 'Waste soil' in relation to Hazard HP 3 was followed. The assessment process indicated that the Hazard Property HP 3(i) in the samples listed above can be discounted. The samples are therefore not considered to be 'truly hazardous' by virtue of HP 3(i) and a non-hazardous class is considered most appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00951%)

## Classification of sample: HDP102-3-ES-0.80-27/04/2023

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

### Sample details

|                                    |           |   |
|------------------------------------|-----------|---|
| Sample name:                       | LoW Code: |   |
| <b>HDP102-3-ES-0.80-27/04/2023</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>0.80 m</b>                      |           |   |
| Moisture content:                  |           |   |
| <b>7.9%</b>                        |           |   |
| (wet weight correction)            |           |   |

### Hazard properties

None identified

### Determinands

Moisture content: 7.9% Wet Weight Moisture Correction applied (MC)

| #  | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 1  | antimony { antimony trioxide }   |                                |                                |          | 0.8 mg/kg         | 1.197        | 0.882 mg/kg    | 0.0000882 %          | ✓          |                |
|    | 051-005-00-X   | 215-175-0                      | 1309-64-4                      |          |                   |              |                |                      |            |                |
| 2  | arsenic { arsenic trioxide }   |                                |                                |          | 11.3 mg/kg        | 1.32         | 13.741 mg/kg   | 0.00137 %            | ✓          |                |
|    | 033-003-00-0   | 215-481-4                      | 1327-53-3                      |          |                   |              |                |                      |            |                |
| 3  | beryllium { beryllium oxide }  |                                |                                |          | 0.15 mg/kg        | 2.775        | 0.383 mg/kg    | 0.0000383 %          | ✓          |                |
|    | 004-003-00-8   | 215-133-1                      | 1304-56-9                      |          |                   |              |                |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }  |                                |                                |          | <0.5 mg/kg        | 3.22         | <1.61 mg/kg    | <0.000161 %          |            | <LOD           |
|    | 005-008-00-8   | 215-125-8                      | 1303-86-2                      |          |                   |              |                |                      |            |                |
| 5  | cadmium { cadmium oxide }  |                                |                                |          | 2.3 mg/kg         | 1.142        | 2.42 mg/kg     | 0.000242 %           | ✓          |                |
|    | 048-002-00-0   | 215-146-2                      | 1306-19-0                      |          |                   |              |                |                      |            |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }   |                                |                                |          | 16.3 mg/kg        | 1.462        | 21.941 mg/kg   | 0.00219 %            | ✓          |                |
|    |  | 215-160-9                      | 1308-38-9                      |          |                   |              |                |                      |            |                |
| 7  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                |          | <0.1 mg/kg        | 2.27         | <0.227 mg/kg   | <0.0000227 %         |            | <LOD           |
|    | 024-017-00-8   |                                |                                |          |                   |              |                |                      |            |                |
| 8  | copper { dicopper oxide; copper (I) oxide }  |                                |                                |          | 12.3 mg/kg        | 1.126        | 12.754 mg/kg   | 0.00128 %            | ✓          |                |
|    | 029-002-00-X   | 215-270-7                      | 1317-39-1                      |          |                   |              |                |                      |            |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }   |                                |                                | 1        | 36.5 mg/kg        |              | 33.616 mg/kg   | 0.00336 %            | ✓          |                |
|    | 082-001-00-6   |                                |                                |          |                   |              |                |                      |            |                |
| 10 | mercury { mercury dichloride }   |                                |                                |          | <0.5 mg/kg        | 1.353        | <0.677 mg/kg   | <0.0000677 %         |            | <LOD           |
|    | 080-010-00-X   | 231-299-8                      | 7487-94-7                      |          |                   |              |                |                      |            |                |
| 11 | nickel { nickel sulfate }  |                                |                                |          | 17.7 mg/kg        | 2.637        | 42.982 mg/kg   | 0.0043 %             | ✓          |                |
|    | 028-009-00-5   | 232-104-9                      | 7786-81-4                      |          |                   |              |                |                      |            |                |
| 12 | selenium { nickel selenate }   |                                |                                |          | <0.5 mg/kg        | 2.554        | <1.277 mg/kg   | <0.000128 %          |            | <LOD           |
|    | 028-031-00-5   | 239-125-2                      | 15060-62-5                     |          |                   |              |                |                      |            |                |
| 13 | zinc { zinc sulphate }   |                                |                                |          | 103.4 mg/kg       | 2.469        | 235.155 mg/kg  | 0.0235 %             | ✓          |                |
|    | 030-006-00-9   | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |              |                |                      |            |                |
| 14 | TPH (C6 to C40) petroleum group  |                                |                                |          | 41.6 mg/kg        |              | 38.314 mg/kg   | 0.00383 %            | ✓          |                |
|    |  |                                | TPH                            |          |                   |              |                |                      |            |                |

| #  | 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   |          |                   |              |                |                      |            |                |
| 15 | tert-butyl methyl ether; MTBE;<br>2-methoxy-2-methylpropane  |  |  |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|    | 603-181-00-X   | 216-653-1  | 1634-04-4  |          |                   |              |                |                      |            |                |
| 16 | benzene  |  |  |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|    | 601-020-00-8   | 200-753-7  | 71-43-2  |          |                   |              |                |                      |            |                |
| 17 | toluene  |  |  |          | <0.005 mg/kg      |              | <0.005 mg/kg   | <0.000005 %          |            | <LOD           |
|    | 601-021-00-3   | 203-625-9  | 108-88-3   |          |                   |              |                |                      |            |                |
| 18 | ethylbenzene   |  |  |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.000002 %          |            | <LOD           |
|    | 601-023-00-4   | 202-849-4  | 100-41-4   |          |                   |              |                |                      |            |                |
| 19 | xylene   |  |  |          | <0.072 mg/kg      |              | <0.072 mg/kg   | <0.0000072 %         |            | <LOD           |
|    | 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] |          |                   |              |                |                      |            |                |
| 20 | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } |  |  |          | <0.5 mg/kg        | 1.884        | <0.942 mg/kg   | <0.0000942 %         |            | <LOD           |
|    | 006-007-00-5   |  |  |          |                   |              |                |                      |            |                |
| 21 | naphthalene  |  |  |          | <0.005 mg/kg      |              | <0.005 mg/kg   | <0.000005 %          |            | <LOD           |
|    | 601-052-00-2   | 202-049-5  | 91-20-3  |          |                   |              |                |                      |            |                |
| 22 | acenaphthylene   |  |  |          | <0.09 mg/kg       |              | <0.09 mg/kg    | <0.000009 %          |            | <LOD           |
|    |  | 205-917-1  | 208-96-8   |          |                   |              |                |                      |            |                |
| 23 | acenaphthene   |  |  |          | <0.09 mg/kg       |              | <0.09 mg/kg    | <0.000009 %          |            | <LOD           |
|    |  | 201-469-6  | 83-32-9  |          |                   |              |                |                      |            |                |
| 24 | fluorene   |  |  |          | <0.09 mg/kg       |              | <0.09 mg/kg    | <0.000009 %          |            | <LOD           |
|    |  | 201-695-5  | 86-73-7  |          |                   |              |                |                      |            |                |
| 25 | phenanthrene   |  |  |          | <0.09 mg/kg       |              | <0.09 mg/kg    | <0.000009 %          |            | <LOD           |
|    |  | 201-581-5  | 85-01-8  |          |                   |              |                |                      |            |                |
| 26 | anthracene   |  |  |          | <0.09 mg/kg       |              | <0.09 mg/kg    | <0.000009 %          |            | <LOD           |
|    |  | 204-371-1  | 120-12-7   |          |                   |              |                |                      |            |                |
| 27 | fluoranthene   |  |  |          | 0.19 mg/kg        |              | 0.175 mg/kg    | 0.0000175 %          | ✓          |                |
|    |  | 205-912-4  | 206-44-0   |          |                   |              |                |                      |            |                |
| 28 | pyrene   |  |  |          | 0.21 mg/kg        |              | 0.193 mg/kg    | 0.0000193 %          | ✓          |                |
|    |  | 204-927-3  | 129-00-0   |          |                   |              |                |                      |            |                |
| 29 | benzo[a]anthracene   |  |  |          | <0.09 mg/kg       |              | <0.09 mg/kg    | <0.000009 %          |            | <LOD           |
|    | 601-033-00-9   | 200-280-6  | 56-55-3  |          |                   |              |                |                      |            |                |
| 30 | chrysene   |  |  |          | 0.11 mg/kg        |              | 0.101 mg/kg    | 0.0000101 %          | ✓          |                |
|    | 601-048-00-0   | 205-923-4  | 218-01-9   |          |                   |              |                |                      |            |                |
| 31 | benzo[b]fluoranthene   |  |  |          | 0.12 mg/kg        |              | 0.111 mg/kg    | 0.0000111 %          | ✓          |                |
|    | 601-034-00-4   | 205-911-9  | 205-99-2   |          |                   |              |                |                      |            |                |
| 32 | benzo[k]fluoranthene   |  |  |          | <0.09 mg/kg       |              | <0.09 mg/kg    | <0.000009 %          |            | <LOD           |
|    | 601-036-00-5   | 205-916-6  | 207-08-9   |          |                   |              |                |                      |            |                |
| 33 | benzo[a]pyrene; benzo[def]chrysene   |  |  |          | 0.11 mg/kg        |              | 0.101 mg/kg    | 0.0000101 %          | ✓          |                |
|    | 601-032-00-3   | 200-028-5  | 50-32-8  |          |                   |              |                |                      |            |                |
| 34 | indeno[123-cd]pyrene   |  |  |          | <0.09 mg/kg       |              | <0.09 mg/kg    | <0.000009 %          |            | <LOD           |
|    |  | 205-893-2  | 193-39-5   |          |                   |              |                |                      |            |                |
| 35 | dibenz[a,h]anthracene  |  |  |          | <0.09 mg/kg       |              | <0.09 mg/kg    | <0.000009 %          |            | <LOD           |
|    | 601-041-00-2   | 200-181-8  | 53-70-3  |          |                   |              |                |                      |            |                |
| 36 | benzo[ghi]perylene   |  |  |          | <0.09 mg/kg       |              | <0.09 mg/kg    | <0.000009 %          |            | <LOD           |
|    |  | 205-883-8  | 191-24-2   |          |                   |              |                |                      |            |                |
| 37 | phenol   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    | 604-001-00-2   | 203-632-7  | 108-95-2   |          |                   |              |                |                      |            |                |
| 38 | 1,1-dichloroethane and 1,2-dichloroethane (combined)   |  |  |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.000002 %          |            | <LOD           |
|    |  | 203-458-1,<br>200-863-5  | 107-06-2, 75-34-3  |          |                   |              |                |                      |            |                |
| 39 | tetrachloroethylene  |  |  |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.000003 %          |            | <LOD           |
|    | 602-028-00-4   | 204-825-9  | 127-18-4   |          |                   |              |                |                      |            |                |
| 40 | carbon tetrachloride; tetrachloromethane   |  |  |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|    | 602-008-00-5   | 200-262-8  | 56-23-5  |          |                   |              |                |                      |            |                |



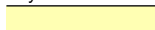



| #  | Determinand  |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 41 | trichloroethylene; trichloroethene<br>602-027-00-9 201-167-4 79-01-6   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 42 | vinyl chloride; chloroethylene<br>602-023-00-7 200-831-0 75-01-4   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 43 | hexachlorobenzene<br>602-065-00-6 204-273-9 118-74-1   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 44 | polychlorobiphenyls; PCB<br>602-039-00-4 215-648-1 1336-36-3   |           |            |          | <0.0054 mg/kg     |              | <0.0054 mg/kg  | <0.000000543 %       |            | <LOD           |
| 45 | vanadium { divanadium pentaoxide; vanadium pentoxide }<br>023-001-00-8 215-239-8 1314-62-1   |           |            |          | 13.5 mg/kg        | 1.785        | 22.196 mg/kg   | 0.00222 %            | ✓          |                |
| 46 | coronene<br>205-881-7 191-07-1   |           |            |          | <0.09 mg/kg       |              | <0.09 mg/kg    | <0.000009 %          |            | <LOD           |
| 47 | bis(2-chloroethyl) ether<br>603-029-00-2 203-870-1 111-44-4  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 48 | benzyl alcohol<br>603-057-00-5 202-859-9 100-51-6  |           |            |          | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
| 49 | hexachloroethane<br>200-666-4 67-72-1  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 50 | nitrosodipropylamine<br>612-098-00-8 210-698-0 621-64-7  |           |            |          | <1 mg/kg          |              | <1 mg/kg       | <0.0001 %            |            | <LOD           |
| 51 | nitrobenzene<br>609-003-00-7 202-716-0 98-95-3   |           |            |          | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
| 52 | 3,5-trimethylcyclohex-2-enone; isophorone<br>606-012-00-8 201-126-0 78-59-1  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 53 | 2-nitrophenol<br>201-857-5 88-75-5   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 54 | 3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]<br>604-006-00-X 202-439-5 [1] 95-65-8 [1]<br>202-461-5 [2] 95-87-4 [2]<br>203-321-6 [3] 105-67-9 [3]<br>208-395-3 [4] 526-75-0 [4]<br>209-400-1 [5] 576-26-1 [5]<br>215-089-3 [6] 1300-71-6 [6]<br>276-245-4 [7] 71975-58-1 [7] |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 55 | benzoic acid<br>607-705-00-8 200-618-2 65-85-0   |           |            |          | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
| 56 | bis(2-chloroethoxy)methane<br>203-920-2 111-91-1   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 57 | 2,4-dichlorophenol<br>604-011-00-7 204-429-6 120-83-2  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 58 | 4-chloroaniline<br>612-137-00-9 203-401-0 106-47-8   |           |            |          | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
| 59 | chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol<br>604-014-00-3 200-431-6 59-50-7   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 60 | 2-methyl naphthalene<br>202-078-3 91-57-6  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 61 | hexachlorocyclopentadiene<br>602-078-00-7 201-029-3 77-47-4  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 62 | 2,4,6-trichlorophenol<br>604-018-00-5 201-795-9 88-06-2  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 63 | 2,4,5-trichlorophenol<br>604-017-00-X 202-467-8 95-95-4  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 64 | 2-chloronaphthalene<br>202-079-9 91-58-7   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 65 | biphenyl; diphenyl<br>601-042-00-8 202-163-5 92-52-4   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |

| #  | Determinand  |              |                                | CLP Note                       | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------|--------------------------------|--------------------------------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number    | CAS Number                     |                                |                   |              |                |                      |            |                |
| 66 | dimethyl phthalate   | 205-011-6    | 131-11-3                       |                                | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 67 | 2,6-dinitrotoluene   | 609-049-00-8 | 210-106-0                      | 606-20-2                       | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
| 68 | 2,4-dinitrophenol  | 609-041-00-4 | 200-087-7                      | 51-28-5                        | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
| 69 | dibenzofuran   | 205-071-3    | 132-64-9                       |                                | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 70 | 4-nitrophenol; p-nitrophenol                                   | 609-015-00-2 | 202-811-7                      | 100-02-7                       | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
| 71 | 2,4-dinitrotoluene; [1] dinitrotoluene [2]                     | 609-007-00-9 | 204-450-0 [1]<br>246-836-1 [2] | 121-14-2 [1]<br>25321-14-6 [2] | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 72 | diethyl phthalate  | 201-550-6    | 84-66-2                        |                                | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 73 | 4-chlorophenylphenylether                                      | 230-281-7    | 7005-72-3                      |                                | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 74 | DNOC (ISO); 4,6-dinitro-o-cresol                               | 609-020-00-X | 208-601-1                      | 534-52-1                       | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 75 | azobenzene   | 611-001-00-6 | 203-102-5                      | 103-33-3                       | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 76 | 4-bromophenylphenylether                                       | 202-952-4    | 101-55-3                       |                                | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 77 | pentachlorophenol  | 604-002-00-8 | 201-778-6                      | 87-86-5                        | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
| 78 | carbazole  | 201-696-0    | 86-74-8                        |                                | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 79 | dibutyl phthalate; DBP   | 607-318-00-4 | 201-557-4                      | 84-74-2                        | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 80 | BBP; benzyl butyl phthalate                                    | 607-430-00-3 | 201-622-7                      | 85-68-7                        | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 81 | bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP | 607-317-00-9 | 204-211-0                      | 117-81-7                       | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 82 | di-n-octyl phthalate   | 204-214-7    | 117-84-0                       |                                | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 83 | dichlorodifluoromethane  | 200-893-9    | 75-71-8                        |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 84 | chloromethane; methyl chloride                                 | 602-001-00-7 | 200-817-4                      | 74-87-3                        | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
| 85 | bromomethane; methylbromide                                    | 602-002-00-2 | 200-813-2                      | 74-83-9                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 86 | chloroethane   | 602-009-00-0 | 200-830-5                      | 75-00-3                        | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 87 | trichlorofluoromethane   | 200-892-3    | 75-69-4                        |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 88 | 1,1-dichloroethylene; vinylidene chloride                      | 602-025-00-8 | 200-864-0                      | 75-35-4                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 89 | 2,2-dichloropropane  | 209-832-0    | 594-20-7                       |                                | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 90 | bromochloromethane   | 200-826-3    | 74-97-5                        |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 91 | chloroform; trichloromethane                                   | 602-006-00-4 | 200-663-8                      | 67-66-3                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 92 | 1,1,1-trichloroethane; methyl chloroform                       | 602-013-00-2 | 200-756-3                      | 71-55-6                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 93 | 1,1-dichloropropene  | 602-031-00-0 | 209-253-3                      | 563-58-6                       | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 94 | 1,2-dichloropropane; propylene dichloride                      | 602-020-00-0 | 201-152-2                      | 78-87-5                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |

| #   | 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                     |          |                   |              |                |                      |            |                |
| 95  | dibromomethane                                       |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-003-00-8   | 200-824-2                      | 74-95-3                        |          |                   |              |                |                      |            |                |
| 96  | bromodichloromethane                                 |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 200-856-7                      | 75-27-4                        |          |                   |              |                |                      |            |                |
| 97  | 1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-030-00-5   | 208-826-5 [1]<br>233-195-8 [2] | 542-75-6 [1]<br>10061-01-5 [2] |          |                   |              |                |                      |            |                |
| 98  | trans-1,3-dichloropropene                            |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 431-460-4                      | 10061-02-6                     |          |                   |              |                |                      |            |                |
| 99  | 1,1,2-trichloroethane                                |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-014-00-8   | 201-166-9                      | 79-00-5                        |          |                   |              |                |                      |            |                |
| 100 | 1,3-dichloropropane                                  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 205-531-3                      | 142-28-9                       |          |                   |              |                |                      |            |                |
| 101 | dibromochloromethane                                 |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 204-704-0                      | 124-48-1                       |          |                   |              |                |                      |            |                |
| 102 | 1,2-dibromoethane                                    |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-010-00-6   | 203-444-5                      | 106-93-4                       |          |                   |              |                |                      |            |                |
| 103 | chlorobenzene  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-033-00-1   | 203-628-5                      | 108-90-7                       |          |                   |              |                |                      |            |                |
| 104 | 1,1,1,2-tetrachloroethane                            |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 211-135-1                      | 630-20-6                       |          |                   |              |                |                      |            |                |
| 105 | styrene  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 601-026-00-0   | 202-851-5                      | 100-42-5                       |          |                   |              |                |                      |            |                |
| 106 | bromoform; tribromomethane                           |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-007-00-X   | 200-854-6                      | 75-25-2                        |          |                   |              |                |                      |            |                |
| 107 | 1,1,2,2-tetrachloroethane                            |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-015-00-3   | 201-197-8                      | 79-34-5                        |          |                   |              |                |                      |            |                |
| 108 | bromobenzene   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-060-00-9   | 203-623-8                      | 108-86-1                       |          |                   |              |                |                      |            |                |
| 109 | 1,2,3-trichloropropane                               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-062-00-X   | 202-486-1                      | 96-18-4                        |          |                   |              |                |                      |            |                |
| 110 | mesitylene; 1,3,5-trimethylbenzene                   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 601-025-00-5   | 203-604-4                      | 108-67-8                       |          |                   |              |                |                      |            |                |
| 111 | tert-butylbenzene                                    |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 202-632-4                      | 98-06-6                        |          |                   |              |                |                      |            |                |
| 112 | 1,2,4-trimethylbenzene                               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 601-043-00-3   | 202-436-9                      | 95-63-6                        |          |                   |              |                |                      |            |                |
| 113 | sec-butylbenzene                                     |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 205-227-0                      | 135-98-8                       |          |                   |              |                |                      |            |                |
| 114 | 4-isopropyltoluene                                   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 202-796-7                      | 99-87-6                        |          |                   |              |                |                      |            |                |
| 115 | 1,3-dichlorobenzene                                  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-067-00-7   | 208-792-1                      | 541-73-1                       |          |                   |              |                |                      |            |                |
| 116 | 1,4-dichlorobenzene; p-dichlorobenzene               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-035-00-2   | 203-400-5                      | 106-46-7                       |          |                   |              |                |                      |            |                |
| 117 | n-butylbenzene                                       |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 203-209-7                      | 104-51-8                       |          |                   |              |                |                      |            |                |
| 118 | 1,2-dichlorobenzene; o-dichlorobenzene               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-034-00-7   | 202-425-9                      | 95-50-1                        |          |                   |              |                |                      |            |                |
| 119 | 1,2-dibromo-3-chloropropane                          |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-021-00-6   | 202-479-3                      | 96-12-8                        |          |                   |              |                |                      |            |                |
| 120 | 1,2,4-trichlorobenzene                               |                                |                                |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
|     | 602-087-00-6   | 204-428-0                      | 120-82-1                       |          |                   |              |                |                      |            |                |
| 121 | hexachlorobutadiene                                  |                                |                                |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
|     |  | 201-765-5                      | 87-68-3                        |          |                   |              |                |                      |            |                |
| 122 | 1,2,3-trichlorobenzene                               |                                |                                |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
|     |  | 201-757-1                      | 87-61-6                        |          |                   |              |                |                      |            |                |

| #      | Determinand  |              |  | CLP Note  | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--------------|--|---|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number  | EC Number    | CAS Number   |   |                   |              |                |                      |            |                |
| 123    | 2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]     | 604-008-00-0 | 202-433-2 [1]<br>203-402-6 [2]<br>203-582-6 [3]<br>246-691-4 [4] | 95-57-8 [1]<br>106-48-9 [2]<br>108-43-0 [3]<br>25167-80-0 [4] | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 124    | 1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]   | 602-026-00-3 | 208-750-2 [1]<br>205-859-7 [2]<br>205-860-2 [3]                  | 540-59-0 [1]<br>156-59-2 [2]<br>156-60-5 [3]                  | <0.006 mg/kg      |              | <0.006 mg/kg   | <0.0000006 %         |            | <LOD           |
| 125    | cumene; [1] propylbenzene [2]  | 601-024-00-X | 202-704-5 [1]<br>203-132-9 [2]                                   | 98-82-8 [1]<br>103-65-1 [2]                                   | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 126    | 2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] | 602-040-00-X | 202-424-3 [1]<br>203-580-5 [2]<br>203-397-0 [3]<br>246-698-2 [4] | 95-49-8 [1]<br>108-41-8 [2]<br>106-43-4 [3]<br>25168-05-2 [4] | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| Total: |  |              |  |   |                   |              |                | 0.044 %              |            |                |

#### 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 because** Hazard Property HP 3(i) Flammable on account of TPH. 'Flammable liquid waste' defined as 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). The flammability risk of the materials can only be confirmed by means of flash point testing, which was not undertaken as part of the ground investigation. However, the hazardous property HP3(i) relates to liquid waste and the materials sampled were solid. In order to assess the Hazard HP3, the 'decision tree' presented in the WM3 guidance for 'Waste soil' in relation to Hazard HP 3 was followed. The assessment process indicated that the Hazard Property HP 3(i) in the samples listed above can be discounted. The samples are therefore not considered to be 'truly hazardous' by virtue of HP 3(i) and a non-hazardous class is considered most appropriate


Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00383%)

Classification of sample: TP102-1-ES-0.10-28/04/2023

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

**Sample details**

|                                   |           |   |
|-----------------------------------|-----------|---|
| Sample name:                      | LoW Code: |   |
| <b>TP102-1-ES-0.10-28/04/2023</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>15%</b>                        |           |   |
| (wet weight correction)           |           |   |

**Hazard properties**

None identified


**Determinands**

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

| #  | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 1  | antimony { antimony trioxide }   |                                |                                |          | 1.2 mg/kg         | 1.197        | 1.221 mg/kg    | 0.000122 %           | ✓          |                |
|    | 051-005-00-X   | 215-175-0                      | 1309-64-4                      |          |                   |              |                |                      |            |                |
| 2  | arsenic { arsenic trioxide }   |                                |                                |          | 12.5 mg/kg        | 1.32         | 14.028 mg/kg   | 0.0014 %             | ✓          |                |
|    | 033-003-00-0   | 215-481-4                      | 1327-53-3                      |          |                   |              |                |                      |            |                |
| 3  | beryllium { beryllium oxide }  |                                |                                |          | 0.66 mg/kg        | 2.775        | 1.557 mg/kg    | 0.000156 %           | ✓          |                |
|    | 004-003-00-8   | 215-133-1                      | 1304-56-9                      |          |                   |              |                |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }  |                                |                                |          | 1.3 mg/kg         | 3.22         | 3.558 mg/kg    | 0.000356 %           | ✓          |                |
|    | 005-008-00-8   | 215-125-8                      | 1303-86-2                      |          |                   |              |                |                      |            |                |
| 5  | cadmium { cadmium oxide }  |                                |                                |          | 0.5 mg/kg         | 1.142        | 0.485 mg/kg    | 0.0000485 %          | ✓          |                |
|    | 048-002-00-0   | 215-146-2                      | 1306-19-0                      |          |                   |              |                |                      |            |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }   |                                |                                |          | 22.2 mg/kg        | 1.462        | 27.58 mg/kg    | 0.00276 %            | ✓          |                |
|    |  | 215-160-9                      | 1308-38-9                      |          |                   |              |                |                      |            |                |
| 7  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                |          | <0.1 mg/kg        | 2.27         | <0.227 mg/kg   | <0.0000227 %         |            | <LOD           |
|    | 024-017-00-8   |                                |                                |          |                   |              |                |                      |            |                |
| 8  | copper { dicopper oxide; copper (I) oxide }  |                                |                                |          | 35.5 mg/kg        | 1.126        | 33.974 mg/kg   | 0.0034 %             | ✓          |                |
|    | 029-002-00-X   | 215-270-7                      | 1317-39-1                      |          |                   |              |                |                      |            |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }   |                                |                                | 1        | 41.4 mg/kg        |              | 35.19 mg/kg    | 0.00352 %            | ✓          |                |
|    | 082-001-00-6   |                                |                                |          |                   |              |                |                      |            |                |
| 10 | mercury { mercury dichloride }   |                                |                                |          | <0.5 mg/kg        | 1.353        | <0.677 mg/kg   | <0.0000677 %         |            | <LOD           |
|    | 080-010-00-X   | 231-299-8                      | 7487-94-7                      |          |                   |              |                |                      |            |                |
| 11 | nickel { nickel sulfate }  |                                |                                |          | 29.4 mg/kg        | 2.637        | 65.891 mg/kg   | 0.00659 %            | ✓          |                |
|    | 028-009-00-5   | 232-104-9                      | 7786-81-4                      |          |                   |              |                |                      |            |                |
| 12 | selenium { nickel selenate }   |                                |                                |          | <0.5 mg/kg        | 2.554        | <1.277 mg/kg   | <0.000128 %          |            | <LOD           |
|    | 028-031-00-5   | 239-125-2                      | 15060-62-5                     |          |                   |              |                |                      |            |                |
| 13 | zinc { zinc sulphate }   |                                |                                |          | 84 mg/kg          | 2.469        | 176.308 mg/kg  | 0.0176 %             | ✓          |                |
|    | 030-006-00-9   | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |              |                |                      |            |                |
| 14 | TPH (C6 to C40) petroleum group  |                                |                                |          | 666 mg/kg         |              | 566.1 mg/kg    | 0.0566 %             | ✓          |                |
|    |  |                                | TPH                            |          |                   |              |                |                      |            |                |

| #      | 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   |          |                   |              |                |                      |            |                |
| 15     | benzene<br>601-020-00-8  | 200-753-7  | 71-43-2  |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
| 16     | toluene<br>601-021-00-3  | 203-625-9  | 108-88-3   |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
| 17     | ethylbenzene<br>601-023-00-4   | 202-849-4  | 100-41-4   |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
| 18     | 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] |          | <0.143 mg/kg      |              | <0.143 mg/kg   | <0.0000143 %         |            | <LOD           |
| 19     | 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 }<br>006-007-00-5 |  |  |          | <0.6 mg/kg        | 1.884        | <1.13 mg/kg    | <0.000113 %          |            | <LOD           |
| 20     | naphthalene<br>601-052-00-2  | 202-049-5  | 91-20-3  |          | 0.86 mg/kg        |              | 0.731 mg/kg    | 0.0000731 %          | ✓          |                |
| 21     | acenaphthylene<br>205-917-1  |  | 208-96-8   |          | 0.8 mg/kg         |              | 0.68 mg/kg     | 0.000068 %           | ✓          |                |
| 22     | acenaphthene<br>201-469-6  |  | 83-32-9  |          | 0.24 mg/kg        |              | 0.204 mg/kg    | 0.0000204 %          | ✓          |                |
| 23     | fluorene<br>201-695-5  |  | 86-73-7  |          | 0.21 mg/kg        |              | 0.179 mg/kg    | 0.0000179 %          | ✓          |                |
| 24     | phenanthrene<br>201-581-5  |  | 85-01-8  |          | 5.23 mg/kg        |              | 4.446 mg/kg    | 0.000445 %           | ✓          |                |
| 25     | anthracene<br>204-371-1  |  | 120-12-7   |          | 1.79 mg/kg        |              | 1.522 mg/kg    | 0.000152 %           | ✓          |                |
| 26     | fluoranthene<br>205-912-4  |  | 206-44-0   |          | 16.8 mg/kg        |              | 14.28 mg/kg    | 0.00143 %            | ✓          |                |
| 27     | pyrene<br>204-927-3  |  | 129-00-0   |          | 15.4 mg/kg        |              | 13.09 mg/kg    | 0.00131 %            | ✓          |                |
| 28     | benzo[a]anthracene<br>601-033-00-9   | 200-280-6  | 56-55-3  |          | 6.4 mg/kg         |              | 5.44 mg/kg     | 0.000544 %           | ✓          |                |
| 29     | chrysene<br>601-048-00-0   | 205-923-4  | 218-01-9   |          | 5.22 mg/kg        |              | 4.437 mg/kg    | 0.000444 %           | ✓          |                |
| 30     | benzo[b]fluoranthene<br>601-034-00-4   | 205-911-9  | 205-99-2   |          | 7.4 mg/kg         |              | 6.29 mg/kg     | 0.000629 %           | ✓          |                |
| 31     | benzo[k]fluoranthene<br>601-036-00-5   | 205-916-6  | 207-08-9   |          | 3.14 mg/kg        |              | 2.669 mg/kg    | 0.000267 %           | ✓          |                |
| 32     | benzo[a]pyrene; benzo[def]chrysene<br>601-032-00-3   | 200-028-5  | 50-32-8  |          | 7.09 mg/kg        |              | 6.026 mg/kg    | 0.000603 %           | ✓          |                |
| 33     | indeno[123-cd]pyrene<br>205-893-2  |  | 193-39-5   |          | 3.48 mg/kg        |              | 2.958 mg/kg    | 0.000296 %           | ✓          |                |
| 34     | dibenz[a,h]anthracene<br>601-041-00-2  | 200-181-8  | 53-70-3  |          | 0.88 mg/kg        |              | 0.748 mg/kg    | 0.0000748 %          | ✓          |                |
| 35     | benzo[ghi]perylene<br>205-883-8  |  | 191-24-2   |          | 3.29 mg/kg        |              | 2.797 mg/kg    | 0.00028 %            | ✓          |                |
| 36     | phenol<br>604-001-00-2   | 203-632-7  | 108-95-2   |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 37     | polychlorobiphenyls; PCB<br>602-039-00-4   | 215-648-1  | 1336-36-3  |          | <0.0058 mg/kg     |              | <0.0058 mg/kg  | <0.00000588 %        |            | <LOD           |
| 38     | vanadium { divanadium pentaoxide; vanadium pentoxide }<br>023-001-00-8   | 215-239-8  | 1314-62-1  |          | 39.3 mg/kg        | 1.785        | 59.634 mg/kg   | 0.00596 %            | ✓          |                |
| 39     | coronene<br>205-881-7  |  | 191-07-1   |          | 0.82 mg/kg        |              | 0.697 mg/kg    | 0.0000697 %          | ✓          |                |
| 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)   |
|  | 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 because** Hazard Property HP 3(i) Flammable on account of TPH. 'Flammable liquid waste' defined as 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). The flammability risk of the materials can only be confirmed by means of flash point testing, which was not undertaken as part of the ground investigation. However, the hazardous property HP3(i) relates to liquid waste and the materials sampled were solid. In order to assess the Hazard HP3, the 'decision tree' presented in the WM3 guidance for 'Waste soil' in relation to Hazard HP 3 was followed. The assessment process indicated that the Hazard Property HP 3(i) in the samples listed above can be discounted. The samples are therefore not considered to be 'truly hazardous' by virtue of HP 3(i) and a non-hazardous class is considered most appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0566%)

Classification of sample: TP102-5-ES-0.70-28/04/2023

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

**Sample details**

|                                   |  |
|-----------------------------------|--|
| Sample name:                      | LoW Code:  |
| <b>TP102-5-ES-0.70-28/04/2023</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>0.70 m</b>                     |  |
| Moisture content:                 |  |
| <b>19.3%</b>                      |  |
| (wet weight correction)           |  |

**Hazard properties**

None identified

**Determinands**


Moisture content: 19.3% Wet Weight Moisture Correction applied (MC)

| #  | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 1  | antimony { antimony trioxide }   |                                |                                |          | <0.1 mg/kg        | 1.197        | <0.12 mg/kg    | <0.000012 %          |            | <LOD           |
|    | 051-005-00-X   | 215-175-0                      | 1309-64-4                      |          |                   |              |                |                      |            |                |
| 2  | arsenic { arsenic trioxide }   |                                |                                |          | 7.1 mg/kg         | 1.32         | 7.565 mg/kg    | 0.000757 %           | ✔          |                |
|    | 033-003-00-0   | 215-481-4                      | 1327-53-3                      |          |                   |              |                |                      |            |                |
| 3  | beryllium { beryllium oxide }  |                                |                                |          | 0.25 mg/kg        | 2.775        | 0.56 mg/kg     | 0.000056 %           | ✔          |                |
|    | 004-003-00-8   | 215-133-1                      | 1304-56-9                      |          |                   |              |                |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }  |                                |                                |          | 2.5 mg/kg         | 3.22         | 6.496 mg/kg    | 0.00065 %            | ✔          |                |
|    | 005-008-00-8   | 215-125-8                      | 1303-86-2                      |          |                   |              |                |                      |            |                |
| 5  | cadmium { cadmium oxide }  |                                |                                |          | 0.3 mg/kg         | 1.142        | 0.277 mg/kg    | 0.0000277 %          | ✔          |                |
|    | 048-002-00-0   | 215-146-2                      | 1306-19-0                      |          |                   |              |                |                      |            |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                           |                                |                                |          | 25.2 mg/kg        | 1.462        | 29.723 mg/kg   | 0.00297 %            | ✔          |                |
|    |  | 215-160-9                      | 1308-38-9                      |          |                   |              |                |                      |            |                |
| 7  | copper { dicopper oxide; copper (I) oxide }  |                                |                                |          | 23.6 mg/kg        | 1.126        | 21.443 mg/kg   | 0.00214 %            | ✔          |                |
|    | 029-002-00-X   | 215-270-7                      | 1317-39-1                      |          |                   |              |                |                      |            |                |
| 8  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } |                                |                                | 1        | 16.7 mg/kg        |              | 13.477 mg/kg   | 0.00135 %            | ✔          |                |
|    | 082-001-00-6   |                                |                                |          |                   |              |                |                      |            |                |
| 9  | mercury { mercury dichloride }   |                                |                                |          | <0.5 mg/kg        | 1.353        | <0.677 mg/kg   | <0.0000677 %         |            | <LOD           |
|    | 080-010-00-X   | 231-299-8                      | 7487-94-7                      |          |                   |              |                |                      |            |                |
| 10 | nickel { nickel sulfate }  |                                |                                |          | 31.1 mg/kg        | 2.637        | 66.175 mg/kg   | 0.00662 %            | ✔          |                |
|    | 028-009-00-5   | 232-104-9                      | 7786-81-4                      |          |                   |              |                |                      |            |                |
| 11 | selenium { nickel selenate }   |                                |                                |          | <0.5 mg/kg        | 2.554        | <1.277 mg/kg   | <0.000128 %          |            | <LOD           |
|    | 028-031-00-5   | 239-125-2                      | 15060-62-5                     |          |                   |              |                |                      |            |                |
| 12 | zinc { zinc sulphate }   |                                |                                |          | 36.6 mg/kg        | 2.469        | 72.934 mg/kg   | 0.00729 %            | ✔          |                |
|    | 030-006-00-9   | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |              |                |                      |            |                |
| 13 | TPH (C6 to C40) petroleum group  |                                |                                |          | 82.8 mg/kg        |              | 66.82 mg/kg    | 0.00668 %            | ✔          |                |
|    |  |                                | TPH                            |          |                   |              |                |                      |            |                |
| 14 | benzene  |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|    | 601-020-00-8   | 200-753-7                      | 71-43-2                        |          |                   |              |                |                      |            |                |
| 15 | toluene  |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <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   |          |                   |              |                |                      |            |                |
| 16     | ethylbenzene   |  |  |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|        | 601-023-00-4   | 202-849-4  | 100-41-4   |          |                   |              |                |                      |            |                |
| 17     | xylene   |  |  |          | <0.037 mg/kg      |              | <0.037 mg/kg   | <0.0000037 %         |            | <LOD           |
|        | 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] |          |                   |              |                |                      |            |                |
| 18     | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } |  |  |          | <0.6 mg/kg        | 1.884        | <1.13 mg/kg    | <0.000113 %          |            | <LOD           |
|        | 006-007-00-5   |  |  |          |                   |              |                |                      |            |                |
| 19     | pH   |  |  |          | 8.5 pH            |              | 8.5 pH         | 8.5 pH               |            |                |
|        |  |  | PH   |          |                   |              |                |                      |            |                |
| 20     | phenol   |  |  |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
|        | 604-001-00-2   | 203-632-7  | 108-95-2   |          |                   |              |                |                      |            |                |
| 21     | vanadium { divanadium pentaoxide; vanadium pentoxide }   |  |  |          | 27.6 mg/kg        | 1.785        | 39.762 mg/kg   | 0.00398 %            | ✓          |                |
|        | 023-001-00-8   | 215-239-8  | 1314-62-1  |          |                   |              |                |                      |            |                |
| Total: |  |  |  |          |                   |              |                | 0.0329 %             |            |                |

#### Key

|   |   |
|---|---|
| <span style="background-color: yellow; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span>  | User supplied data  |
| <span style="background-color: #cccccc; border: 1px solid black; display: inline-block; width: 15px; height: 10px;"></span> | Determinand values ignored for classification, see column 'Conc. Not Used' for reason   |
| <span style="color: green;">•</span>  | 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 because** Hazard Property HP 3(i) Flammable on account of TPH. 'Flammable liquid waste' defined as 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). The flammability risk of the materials can only be confirmed by means of flash point testing, which was not undertaken as part of the ground investigation. However, the hazardous property HP3(i) relates to liquid waste and the materials sampled were solid. In order to assess the Hazard HP3, the 'decision tree' presented in the WM3 guidance for 'Waste soil' in relation to Hazard HP 3 was followed. The assessment process indicated that the Hazard Property HP 3(i) in the samples listed above can be discounted. The samples are therefore not considered to be 'truly hazardous' by virtue of HP 3(i) and a non-hazardous class is considered most appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00668%)

**Classification of sample: TP102-8-ES-0.90-28/04/2023**

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

**Sample details**

|                                   |  |
|-----------------------------------|--|
| Sample name:                      | LoW Code:  |
| <b>TP102-8-ES-0.90-28/04/2023</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>0.90 m</b>                     |  |
| Moisture content:                 |  |
| <b>22.2%</b>                      |  |
| (wet weight correction)           |  |

**Hazard properties**

None identified

**Determinands**

Moisture content: 22.2% Wet Weight Moisture Correction applied (MC)

| #  | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 1  | antimony { antimony trioxide }   |                                |                                |          | 0.2 mg/kg         | 1.197        | 0.186 mg/kg    | 0.0000186 %          | ✓          |                |
|    | 051-005-00-X   | 215-175-0                      | 1309-64-4                      |          |                   |              |                |                      |            |                |
| 2  | arsenic { arsenic trioxide }   |                                |                                |          | 7.8 mg/kg         | 1.32         | 8.012 mg/kg    | 0.000801 %           | ✓          |                |
|    | 033-003-00-0   | 215-481-4                      | 1327-53-3                      |          |                   |              |                |                      |            |                |
| 3  | beryllium { beryllium oxide }  |                                |                                |          | 0.65 mg/kg        | 2.775        | 1.403 mg/kg    | 0.00014 %            | ✓          |                |
|    | 004-003-00-8   | 215-133-1                      | 1304-56-9                      |          |                   |              |                |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }  |                                |                                |          | 2 mg/kg           | 3.22         | 5.01 mg/kg     | 0.000501 %           | ✓          |                |
|    | 005-008-00-8   | 215-125-8                      | 1303-86-2                      |          |                   |              |                |                      |            |                |
| 5  | cadmium { cadmium oxide }  |                                |                                |          | <0.2 mg/kg        | 1.142        | <0.228 mg/kg   | <0.0000228 %         |            | <LOD           |
|    | 048-002-00-0   | 215-146-2                      | 1306-19-0                      |          |                   |              |                |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }  |                                |                                |          | 39.5 mg/kg        | 1.126        | 34.6 mg/kg     | 0.00346 %            | ✓          |                |
|    | 029-002-00-X   | 215-270-7                      | 1317-39-1                      |          |                   |              |                |                      |            |                |
| 7  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } |                                |                                | 1        | 21.5 mg/kg        |              | 16.727 mg/kg   | 0.00167 %            | ✓          |                |
|    | 082-001-00-6   |                                |                                |          |                   |              |                |                      |            |                |
| 8  | mercury { mercury dichloride }   |                                |                                |          | <0.5 mg/kg        | 1.353        | <0.677 mg/kg   | <0.0000677 %         |            | <LOD           |
|    | 080-010-00-X   | 231-299-8                      | 7487-94-7                      |          |                   |              |                |                      |            |                |
| 9  | nickel { nickel sulfate }  |                                |                                |          | 57.3 mg/kg        | 2.637        | 117.542 mg/kg  | 0.0118 %             | ✓          |                |
|    | 028-009-00-5   | 232-104-9                      | 7786-81-4                      |          |                   |              |                |                      |            |                |
| 10 | selenium { nickel selenate }   |                                |                                |          | <0.5 mg/kg        | 2.554        | <1.277 mg/kg   | <0.000128 %          |            | <LOD           |
|    | 028-031-00-5   | 239-125-2                      | 15060-62-5                     |          |                   |              |                |                      |            |                |
| 11 | zinc { zinc sulphate }   |                                |                                |          | 33.9 mg/kg        | 2.469        | 65.126 mg/kg   | 0.00651 %            | ✓          |                |
|    | 030-006-00-9   | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |              |                |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group  |                                |                                |          | 74.2 mg/kg        |              | 57.728 mg/kg   | 0.00577 %            | ✓          |                |
|    |  |                                | TPH                            |          |                   |              |                |                      |            |                |
| 13 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    | 603-181-00-X   | 216-653-1                      | 1634-04-4                      |          |                   |              |                |                      |            |                |
| 14 | benzene  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    | 601-020-00-8   | 200-753-7                      | 71-43-2                        |          |                   |              |                |                      |            |                |
| 15 | toluene  |                                |                                |          | <0.006 mg/kg      |              | <0.006 mg/kg   | <0.0000006 %         |            | <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   |          |                   |              |                |                      |            |                |
| 16 | ethylbenzene<br>601-023-00-4   | 202-849-4  | 100-41-4   |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
| 17 | 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] |          | <0.016 mg/kg      |              | <0.016 mg/kg   | <0.0000016 %         |            | <LOD           |
| 18 | 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 }<br>006-007-00-5 |  |  |          | <0.6 mg/kg        | 1.884        | <1.13 mg/kg    | <0.000113 %          |            | <LOD           |
| 19 | pH   |  | PH   |          | 8.9 pH            |              | 8.9 pH         | 8.9 pH               |            |                |
| 20 | naphthalene<br>601-052-00-2  | 202-049-5  | 91-20-3  |          | <                 |              | <              | <                    |            | ND             |
| 21 | acenaphthylene<br>205-917-1  |  | 208-96-8   |          | <                 |              | <              | <                    |            | ND             |
| 22 | acenaphthene<br>201-469-6  |  | 83-32-9  |          | <                 |              | <              | <                    |            | ND             |
| 23 | fluorene<br>201-695-5  |  | 86-73-7  |          | <                 |              | <              | <                    |            | ND             |
| 24 | phenanthrene<br>201-581-5  |  | 85-01-8  |          | 0.2 mg/kg         |              | 0.156 mg/kg    | 0.0000156 %          | ✓          |                |
| 25 | anthracene<br>204-371-1  |  | 120-12-7   |          | <                 |              | <              | <                    |            | ND             |
| 26 | fluoranthene<br>205-912-4  |  | 206-44-0   |          | 0.3 mg/kg         |              | 0.233 mg/kg    | 0.0000233 %          | ✓          |                |
| 27 | pyrene<br>204-927-3  |  | 129-00-0   |          | <                 |              | <              | <                    |            | ND             |
| 28 | benzo[a]anthracene<br>601-033-00-9   | 200-280-6  | 56-55-3  |          | <                 |              | <              | <                    |            | ND             |
| 29 | chrysene<br>601-048-00-0   | 205-923-4  | 218-01-9   |          | <                 |              | <              | <                    |            | ND             |
| 30 | benzo[b]fluoranthene<br>601-034-00-4   | 205-911-9  | 205-99-2   |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 31 | benzo[k]fluoranthene<br>601-036-00-5   | 205-916-6  | 207-08-9   |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 32 | benzo[a]pyrene; benzo[def]chrysene<br>601-032-00-3   | 200-028-5  | 50-32-8  |          | <                 |              | <              | <                    |            | ND             |
| 33 | indeno[123-cd]pyrene<br>205-893-2  |  | 193-39-5   |          | <                 |              | <              | <                    |            | ND             |
| 34 | dibenz[a,h]anthracene<br>601-041-00-2  | 200-181-8  | 53-70-3  |          | <                 |              | <              | <                    |            | ND             |
| 35 | benzo[ghi]perylene<br>205-883-8  |  | 191-24-2   |          | <                 |              | <              | <                    |            | ND             |
| 36 | phenol<br>604-001-00-2   | 203-632-7  | 108-95-2   |          | <                 |              | <              | <                    |            | ND             |
| 37 | 1,1-dichloroethane and 1,2-dichloroethane (combined)<br>203-458-1,<br>200-863-5  |  | 107-06-2, 75-34-3  |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
| 38 | tetrachloroethylene<br>602-028-00-4  | 204-825-9  | 127-18-4   |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
| 39 | carbon tetrachloride; tetrachloromethane<br>602-008-00-5   | 200-262-8  | 56-23-5  |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 40 | trichloroethylene; trichloroethene<br>602-027-00-9   | 201-167-4  | 79-01-6  |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 41 | vinyl chloride; chloroethylene<br>602-023-00-7   | 200-831-0  | 75-01-4  |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |


| #  | 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  |          |                   |              |                |                      |            |                |
| 42 | hexachlorobenzene  |   |   |          | <                 |              | <              | <                    |            | ND             |
|    | 602-065-00-6   | 204-273-9   | 118-74-1  |          |                   |              |                |                      |            |                |
| 43 | vanadium { divanadium pentaoxide; vanadium pentoxide }   |   |   |          | 26.4 mg/kg        | 1.785        | 36.666 mg/kg   | 0.00367 %            | ✓          |                |
|    | 023-001-00-8   | 215-239-8   | 1314-62-1   |          |                   |              |                |                      |            |                |
| 44 | coronene   |   |   |          | <0.4 mg/kg        |              | <0.4 mg/kg     | <0.00004 %           |            | <LOD           |
|    |  | 205-881-7   | 191-07-1  |          |                   |              |                |                      |            |                |
| 45 | bis(2-chloroethyl) ether   |   |   |          | <                 |              | <              | <                    |            | ND             |
|    | 603-029-00-2   | 203-870-1   | 111-44-4  |          |                   |              |                |                      |            |                |
| 46 | benzyl alcohol   |   |   |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
|    | 603-057-00-5   | 202-859-9   | 100-51-6  |          |                   |              |                |                      |            |                |
| 47 | hexachloroethane   |   |   |          | <                 |              | <              | <                    |            | ND             |
|    |  | 200-666-4   | 67-72-1   |          |                   |              |                |                      |            |                |
| 48 | nitrosodipropylamine   |   |   |          | <                 |              | <              | <                    |            | ND             |
|    | 612-098-00-8   | 210-698-0   | 621-64-7  |          |                   |              |                |                      |            |                |
| 49 | nitrobenzene   |   |   |          | <                 |              | <              | <                    |            | ND             |
|    | 609-003-00-7   | 202-716-0   | 98-95-3   |          |                   |              |                |                      |            |                |
| 50 | 3,5,5-trimethylcyclohex-2-enone; isophorone  |   |   |          | <                 |              | <              | <                    |            | ND             |
|    | 606-012-00-8   | 201-126-0   | 78-59-1   |          |                   |              |                |                      |            |                |
| 51 | 2-nitrophenol  |   |   |          | <                 |              | <              | <                    |            | ND             |
|    |  | 201-857-5   | 88-75-5   |          |                   |              |                |                      |            |                |
| 52 | 3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7] |   |   |          | <                 |              | <              | <                    |            | ND             |
|    | 604-006-00-X   | 202-439-5 [1]<br>202-461-5 [2]<br>203-321-6 [3]<br>208-395-3 [4]<br>209-400-1 [5]<br>215-089-3 [6]<br>276-245-4 [7] | 95-65-8 [1]<br>95-87-4 [2]<br>105-67-9 [3]<br>526-75-0 [4]<br>576-26-1 [5]<br>1300-71-6 [6]<br>71975-58-1 [7] |          |                   |              |                |                      |            |                |
| 53 | benzoic acid   |   |   |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
|    | 607-705-00-8   | 200-618-2   | 65-85-0   |          |                   |              |                |                      |            |                |
| 54 | bis(2-chloroethoxy)methane   |   |   |          | <                 |              | <              | <                    |            | ND             |
|    |  | 203-920-2   | 111-91-1  |          |                   |              |                |                      |            |                |
| 55 | 2,4-dichlorophenol   |   |   |          | <                 |              | <              | <                    |            | ND             |
|    | 604-011-00-7   | 204-429-6   | 120-83-2  |          |                   |              |                |                      |            |                |
| 56 | 4-chloroaniline  |   |   |          | <                 |              | <              | <                    |            | ND             |
|    | 612-137-00-9   | 203-401-0   | 106-47-8  |          |                   |              |                |                      |            |                |
| 57 | chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol   |   |   |          | <                 |              | <              | <                    |            | ND             |
|    | 604-014-00-3   | 200-431-6   | 59-50-7   |          |                   |              |                |                      |            |                |
| 58 | 2-methyl naphthalene   |   |   |          | <                 |              | <              | <                    |            | ND             |
|    |  | 202-078-3   | 91-57-6   |          |                   |              |                |                      |            |                |
| 59 | hexachlorocyclopentadiene  |   |   |          | <                 |              | <              | <                    |            | ND             |
|    | 602-078-00-7   | 201-029-3   | 77-47-4   |          |                   |              |                |                      |            |                |
| 60 | 2,4,6-trichlorophenol  |   |   |          | <                 |              | <              | <                    |            | ND             |
|    | 604-018-00-5   | 201-795-9   | 88-06-2   |          |                   |              |                |                      |            |                |
| 61 | 2,4,5-trichlorophenol  |   |   |          | <                 |              | <              | <                    |            | ND             |
|    | 604-017-00-X   | 202-467-8   | 95-95-4   |          |                   |              |                |                      |            |                |
| 62 | 2-chloronaphthalene  |   |   |          | <                 |              | <              | <                    |            | ND             |
|    |  | 202-079-9   | 91-58-7   |          |                   |              |                |                      |            |                |
| 63 | biphenyl; diphenyl   |   |   |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    | 601-042-00-8   | 202-163-5   | 92-52-4   |          |                   |              |                |                      |            |                |
| 64 | dimethyl phthalate   |   |   |          | <                 |              | <              | <                    |            | ND             |
|    |  | 205-011-6   | 131-11-3  |          |                   |              |                |                      |            |                |
| 65 | 2,6-dinitrotoluene   |   |   |          | <                 |              | <              | <                    |            | ND             |
|    | 609-049-00-8   | 210-106-0   | 606-20-2  |          |                   |              |                |                      |            |                |
| 66 | 2,4-dinitrophenol  |   |   |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
|    | 609-041-00-4   | 200-087-7   | 51-28-5   |          |                   |              |                |                      |            |                |

| #  | 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                     |          |                   |              |                |                      |            |                |
| 67 | dibenzofuran   | 205-071-3                      | 132-64-9                       |          | <                 |              | <              | <                    |            | ND             |
| 68 | 4-nitrophenol; p-nitrophenol                                   | 202-811-7                      | 100-02-7                       |          | <                 |              | <              | <                    |            | ND             |
| 69 | 2,4-dinitrotoluene; [1] dinitrotoluene [2]                     | 204-450-0 [1]<br>246-836-1 [2] | 121-14-2 [1]<br>25321-14-6 [2] |          | <                 |              | <              | <                    |            | ND             |
| 70 | diethyl phthalate  | 201-550-6                      | 84-66-2                        |          | <                 |              | <              | <                    |            | ND             |
| 71 | 4-chlorophenylphenylether                                      | 230-281-7                      | 7005-72-3                      |          | <                 |              | <              | <                    |            | ND             |
| 72 | DNOC (ISO); 4,6-dinitro-o-cresol                               | 208-601-1                      | 534-52-1                       |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 73 | azobenzene   | 203-102-5                      | 103-33-3                       |          | <                 |              | <              | <                    |            | ND             |
| 74 | 4-bromophenylphenylether                                       | 202-952-4                      | 101-55-3                       |          | <                 |              | <              | <                    |            | ND             |
| 75 | pentachlorophenol  | 201-778-6                      | 87-86-5                        |          | <                 |              | <              | <                    |            | ND             |
| 76 | carbazole  | 201-696-0                      | 86-74-8                        |          | <                 |              | <              | <                    |            | ND             |
| 77 | dibutyl phthalate; DBP   | 201-557-4                      | 84-74-2                        |          | <                 |              | <              | <                    |            | ND             |
| 78 | BBP; benzyl butyl phthalate                                    | 201-622-7                      | 85-68-7                        |          | <                 |              | <              | <                    |            | ND             |
| 79 | bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP | 204-211-0                      | 117-81-7                       |          | <                 |              | <              | <                    |            | ND             |
| 80 | di-n-octyl phthalate   | 204-214-7                      | 117-84-0                       |          | <                 |              | <              | <                    |            | ND             |
| 81 | dichlorodifluoromethane  | 200-893-9                      | 75-71-8                        |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 82 | chloromethane; methyl chloride                                 | 200-817-4                      | 74-87-3                        |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
| 83 | bromomethane; methylbromide                                    | 200-813-2                      | 74-83-9                        |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 84 | chloroethane   | 200-830-5                      | 75-00-3                        |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
| 85 | trichlorofluoromethane   | 200-892-3                      | 75-69-4                        |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 86 | 1,1-dichloroethylene; vinylidene chloride                      | 200-864-0                      | 75-35-4                        |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 87 | 2,2-dichloropropane  | 209-832-0                      | 594-20-7                       |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
| 88 | bromochloromethane   | 200-826-3                      | 74-97-5                        |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 89 | chloroform; trichloromethane                                   | 200-663-8                      | 67-66-3                        |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 90 | 1,1,1-trichloroethane; methyl chloroform                       | 200-756-3                      | 71-55-6                        |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 91 | 1,1-dichloropropene  | 209-253-3                      | 563-58-6                       |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 92 | 1,2-dichloropropane; propylene dichloride                      | 201-152-2                      | 78-87-5                        |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 93 | dibromomethane   | 200-824-2                      | 74-95-3                        |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 94 | bromodichloromethane   | 200-856-7                      | 75-27-4                        |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |

| #   | 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  |          |                   |              |                |                      |            |                |
| 95  | 1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]                         |  |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|     | 602-030-00-5   | 208-826-5 [1]<br>233-195-8 [2]                                   | 542-75-6 [1]<br>10061-01-5 [2]                                |          |                   |              |                |                      |            |                |
| 96  | trans-1,3-dichloropropene  |  |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|     |  | 431-460-4  | 10061-02-6  |          |                   |              |                |                      |            |                |
| 97  | 1,1,2-trichloroethane  |  |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|     | 602-014-00-8   | 201-166-9  | 79-00-5   |          |                   |              |                |                      |            |                |
| 98  | 1,3-dichloropropane  |  |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|     |  | 205-531-3  | 142-28-9  |          |                   |              |                |                      |            |                |
| 99  | dibromochloromethane   |  |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|     |  | 204-704-0  | 124-48-1  |          |                   |              |                |                      |            |                |
| 100 | 1,2-dibromoethane  |  |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|     | 602-010-00-6   | 203-444-5  | 106-93-4  |          |                   |              |                |                      |            |                |
| 101 | chlorobenzene  |  |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|     | 602-033-00-1   | 203-628-5  | 108-90-7  |          |                   |              |                |                      |            |                |
| 102 | 1,1,1,2-tetrachloroethane  |  |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|     |  | 211-135-1  | 630-20-6  |          |                   |              |                |                      |            |                |
| 103 | styrene  |  |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|     | 601-026-00-0   | 202-851-5  | 100-42-5  |          |                   |              |                |                      |            |                |
| 104 | bromoform; tribromomethane   |  |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|     | 602-007-00-X   | 200-854-6  | 75-25-2   |          |                   |              |                |                      |            |                |
| 105 | 1,1,2,2-tetrachloroethane  |  |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|     | 602-015-00-3   | 201-197-8  | 79-34-5   |          |                   |              |                |                      |            |                |
| 106 | bromobenzene   |  |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|     | 602-060-00-9   | 203-623-8  | 108-86-1  |          |                   |              |                |                      |            |                |
| 107 | 1,2,3-trichloropropane   |  |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|     | 602-062-00-X   | 202-486-1  | 96-18-4   |          |                   |              |                |                      |            |                |
| 108 | mesitylene; 1,3,5-trimethylbenzene   |  |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|     | 601-025-00-5   | 203-604-4  | 108-67-8  |          |                   |              |                |                      |            |                |
| 109 | tert-butylbenzene  |  |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|     |  | 202-632-4  | 98-06-6   |          |                   |              |                |                      |            |                |
| 110 | 1,2,4-trimethylbenzene   |  |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|     | 601-043-00-3   | 202-436-9  | 95-63-6   |          |                   |              |                |                      |            |                |
| 111 | sec-butylbenzene   |  |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|     |  | 205-227-0  | 135-98-8  |          |                   |              |                |                      |            |                |
| 112 | 4-isopropyltoluene   |  |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|     |  | 202-796-7  | 99-87-6   |          |                   |              |                |                      |            |                |
| 113 | 1,3-dichlorobenzene  |  |   |          | <                 |              | <              | <                    |            | ND             |
|     | 602-067-00-7   | 208-792-1  | 541-73-1  |          |                   |              |                |                      |            |                |
| 114 | 1,4-dichlorobenzene; p-dichlorobenzene                                       |  |   |          | <                 |              | <              | <                    |            | ND             |
|     | 602-035-00-2   | 203-400-5  | 106-46-7  |          |                   |              |                |                      |            |                |
| 115 | n-butylbenzene   |  |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|     |  | 203-209-7  | 104-51-8  |          |                   |              |                |                      |            |                |
| 116 | 1,2-dichlorobenzene; o-dichlorobenzene                                       |  |   |          | <                 |              | <              | <                    |            | ND             |
|     | 602-034-00-7   | 202-425-9  | 95-50-1   |          |                   |              |                |                      |            |                |
| 117 | 1,2-dibromo-3-chloropropane  |  |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|     | 602-021-00-6   | 202-479-3  | 96-12-8   |          |                   |              |                |                      |            |                |
| 118 | 1,2,4-trichlorobenzene   |  |   |          | <                 |              | <              | <                    |            | ND             |
|     | 602-087-00-6   | 204-428-0  | 120-82-1  |          |                   |              |                |                      |            |                |
| 119 | hexachlorobutadiene  |  |   |          | <                 |              | <              | <                    |            | ND             |
|     |  | 201-765-5  | 87-68-3   |          |                   |              |                |                      |            |                |
| 120 | 1,2,3-trichlorobenzene   |  |   |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.000004 %          |            | <LOD           |
|     |  | 201-757-1  | 87-61-6   |          |                   |              |                |                      |            |                |
| 121 | 2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4] |  |   |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
|     | 604-008-00-0   | 202-433-2 [1]<br>203-402-6 [2]<br>203-582-6 [3]<br>246-691-4 [4] | 95-57-8 [1]<br>106-48-9 [2]<br>108-43-0 [3]<br>25167-80-0 [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  |          |                   |              |                |                      |            |                |
| 122    | 1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]   |  |   |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|        | 602-026-00-3   | 208-750-2 [1]<br>205-859-7 [2]<br>205-860-2 [3]                  | 540-59-0 [1]<br>156-59-2 [2]<br>156-60-5 [3]                  |          |                   |              |                |                      |            |                |
| 123    | cumene; [1] propylbenzene [2]  |  |   |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
|        | 601-024-00-X   | 202-704-5 [1]<br>203-132-9 [2]                                   | 98-82-8 [1]<br>103-65-1 [2]                                   |          |                   |              |                |                      |            |                |
| 124    | 2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] |  |   |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
|        | 602-040-00-X   | 202-424-3 [1]<br>203-580-5 [2]<br>203-397-0 [3]<br>246-698-2 [4] | 95-49-8 [1]<br>108-41-8 [2]<br>106-43-4 [3]<br>25168-05-2 [4] |          |                   |              |                |                      |            |                |
| Total: |  |  |   |          |                   |              |                | 0.0351 %             |            |                |

### Key

|   |   |
|---|---|
| <span style="background-color: yellow;"> </span>                                  | User supplied data  |
| <span style="background-color: grey;"> </span>                                    | Determinand values ignored for classification, see column 'Conc. Not Used' for reason   |
| <span style="color: green;">●</span>  | 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  |
| ND  | Not detected  |
| CLP: Note 1   | Only the metal concentration has been used for classification   |

### Supplementary Hazardous Property Information

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

**Force this Hazardous property to non hazardous because** Hazard Property HP 3(i) Flammable on account of TPH. 'Flammable liquid waste' defined as 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). The flammability risk of the materials can only be confirmed by means of flash point testing, which was not undertaken as part of the ground investigation. However, the hazardous property HP3(i) relates to liquid waste and the materials sampled were solid. In order to assess the Hazard HP3, the 'decision tree' presented in the WM3 guidance for 'Waste soil' in relation to Hazard HP 3 was followed. The assessment process indicated that the Hazard Property HP 3(i) in the samples listed above can be discounted. The samples are therefore not considered to be 'truly hazardous' by virtue of HP 3(i) and a non-hazardous class is considered most appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00577%)

**Classification of sample: BH103-9-ES-0.50-04/05/2023**

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

**Sample details**

|                                   |  |
|-----------------------------------|--|
| Sample name:                      | LoW Code:  |
| <b>BH103-9-ES-0.50-04/05/2023</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>0.50 m</b>                     |  |
| Moisture content:                 |  |
| <b>27.8%</b>                      |  |
| (wet weight correction)           |  |

**Hazard properties**

None identified

**Determinands**

Moisture content: 27.8% Wet Weight Moisture Correction applied (MC)

| #  | Determinand   |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|---|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number   | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 1  | antimony { antimony trioxide }  |                                |                                |          | 0.6 mg/kg         | 1.197        | 0.519 mg/kg    | 0.0000519 %          | ✓          |                |
|    | 051-005-00-X  | 215-175-0                      | 1309-64-4                      |          |                   |              |                |                      |            |                |
| 2  | arsenic { arsenic trioxide }  |                                |                                |          | 16.3 mg/kg        | 1.32         | 15.538 mg/kg   | 0.00155 %            | ✓          |                |
|    | 033-003-00-0  | 215-481-4                      | 1327-53-3                      |          |                   |              |                |                      |            |                |
| 3  | beryllium { beryllium oxide }   |                                |                                |          | 0.44 mg/kg        | 2.775        | 0.882 mg/kg    | 0.0000882 %          | ✓          |                |
|    | 004-003-00-8  | 215-133-1                      | 1304-56-9                      |          |                   |              |                |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }   |                                |                                |          | 4.7 mg/kg         | 3.22         | 10.926 mg/kg   | 0.00109 %            | ✓          |                |
|    | 005-008-00-8  | 215-125-8                      | 1303-86-2                      |          |                   |              |                |                      |            |                |
| 5  | cadmium { cadmium oxide }   |                                |                                |          | 0.7 mg/kg         | 1.142        | 0.577 mg/kg    | 0.0000577 %          | ✓          |                |
|    | 048-002-00-0  | 215-146-2                      | 1306-19-0                      |          |                   |              |                |                      |            |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }  |                                |                                |          | 32.8 mg/kg        | 1.462        | 34.612 mg/kg   | 0.00346 %            | ✓          |                |
|    |   | 215-160-9                      | 1308-38-9                      |          |                   |              |                |                      |            |                |
| 7  | chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                |          | <0.1 mg/kg        | 2.27         | <0.227 mg/kg   | <0.0000227 %         |            | <LOD           |
|    |   |                                |                                |          |                   |              |                |                      |            |                |
| 8  | copper { dicopper oxide; copper (I) oxide }   |                                |                                |          | 36.8 mg/kg        | 1.126        | 29.914 mg/kg   | 0.00299 %            | ✓          |                |
|    | 029-002-00-X  | 215-270-7                      | 1317-39-1                      |          |                   |              |                |                      |            |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }  |                                |                                | 1        | 175 mg/kg         |              | 126.35 mg/kg   | 0.0126 %             | ✓          |                |
|    | 082-001-00-6  |                                |                                |          |                   |              |                |                      |            |                |
| 10 | mercury { mercury dichloride }  |                                |                                |          | <0.5 mg/kg        | 1.353        | <0.677 mg/kg   | <0.0000677 %         |            | <LOD           |
|    | 080-010-00-X  | 231-299-8                      | 7487-94-7                      |          |                   |              |                |                      |            |                |
| 11 | nickel { nickel sulfate }   |                                |                                |          | 38.3 mg/kg        | 2.637        | 72.911 mg/kg   | 0.00729 %            | ✓          |                |
|    | 028-009-00-5  | 232-104-9                      | 7786-81-4                      |          |                   |              |                |                      |            |                |
| 12 | selenium { nickel selenate }  |                                |                                |          | <0.5 mg/kg        | 2.554        | <1.277 mg/kg   | <0.000128 %          |            | <LOD           |
|    | 028-031-00-5  | 239-125-2                      | 15060-62-5                     |          |                   |              |                |                      |            |                |
| 13 | zinc { zinc sulphate }  |                                |                                |          | 147 mg/kg         | 2.469        | 262.076 mg/kg  | 0.0262 %             | ✓          |                |
|    | 030-006-00-9  | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |              |                |                      |            |                |
| 14 | TPH (C6 to C40) petroleum group   |                                |                                |          | 38.7 mg/kg        |              | 27.941 mg/kg   | 0.00279 %            | ✓          |                |
|    |   |                                | TPH                            |          |                   |              |                |                      |            |                |



| #  | 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   |          |                   |              |                |                      |            |                |
| 15 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane   |  |  |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|    | 603-181-00-X   | 216-653-1  | 1634-04-4  |          |                   |              |                |                      |            |                |
| 16 | benzene  |  |  |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|    | 601-020-00-8   | 200-753-7  | 71-43-2  |          |                   |              |                |                      |            |                |
| 17 | toluene  |  |  |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|    | 601-021-00-3   | 203-625-9  | 108-88-3   |          |                   |              |                |                      |            |                |
| 18 | ethylbenzene   |  |  |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|    | 601-023-00-4   | 202-849-4  | 100-41-4   |          |                   |              |                |                      |            |                |
| 19 | xylene   |  |  |          | <0.125 mg/kg      |              | <0.125 mg/kg   | <0.0000125 %         |            | <LOD           |
|    | 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] |          |                   |              |                |                      |            |                |
| 20 | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } |  |  |          | <0.7 mg/kg        | 1.884        | <1.319 mg/kg   | <0.000132 %          |            | <LOD           |
|    | 006-007-00-5   |  |  |          |                   |              |                |                      |            |                |
| 21 | pH   |  |  |          | 7.9 pH            |              | 7.9 pH         | 7.9 pH               |            |                |
|    |  |  | PH   |          |                   |              |                |                      |            |                |
| 22 | naphthalene  |  |  |          | <0.069 mg/kg      |              | <0.069 mg/kg   | <0.0000069 %         |            | <LOD           |
|    | 601-052-00-2   | 202-049-5  | 91-20-3  |          |                   |              |                |                      |            |                |
| 23 | acenaphthylene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 205-917-1  | 208-96-8   |          |                   |              |                |                      |            |                |
| 24 | acenaphthene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 201-469-6  | 83-32-9  |          |                   |              |                |                      |            |                |
| 25 | fluorene   |  |  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    |  | 201-695-5  | 86-73-7  |          |                   |              |                |                      |            |                |
| 26 | phenanthrene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 201-581-5  | 85-01-8  |          |                   |              |                |                      |            |                |
| 27 | anthracene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 204-371-1  | 120-12-7   |          |                   |              |                |                      |            |                |
| 28 | fluoranthene   |  |  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    |  | 205-912-4  | 206-44-0   |          |                   |              |                |                      |            |                |
| 29 | pyrene   |  |  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    |  | 204-927-3  | 129-00-0   |          |                   |              |                |                      |            |                |
| 30 | benzo[a]anthracene   |  |  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    | 601-033-00-9   | 200-280-6  | 56-55-3  |          |                   |              |                |                      |            |                |
| 31 | chrysene   |  |  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    | 601-048-00-0   | 205-923-4  | 218-01-9   |          |                   |              |                |                      |            |                |
| 32 | benzo[b]fluoranthene   |  |  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    | 601-034-00-4   | 205-911-9  | 205-99-2   |          |                   |              |                |                      |            |                |
| 33 | benzo[k]fluoranthene   |  |  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    | 601-036-00-5   | 205-916-6  | 207-08-9   |          |                   |              |                |                      |            |                |
| 34 | benzo[a]pyrene; benzo[def]chrysene   |  |  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    | 601-032-00-3   | 200-028-5  | 50-32-8  |          |                   |              |                |                      |            |                |
| 35 | indeno[123-cd]pyrene   |  |  |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
|    |  | 205-893-2  | 193-39-5   |          |                   |              |                |                      |            |                |
| 36 | dibenz[a,h]anthracene  |  |  |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
|    | 601-041-00-2   | 200-181-8  | 53-70-3  |          |                   |              |                |                      |            |                |
| 37 | benzo[ghi]perylene   |  |  |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
|    |  | 205-883-8  | 191-24-2   |          |                   |              |                |                      |            |                |
| 38 | phenol   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    | 604-001-00-2   | 203-632-7  | 108-95-2   |          |                   |              |                |                      |            |                |
| 39 | 1,1-dichloroethane and 1,2-dichloroethane (combined)   |  |  |          | <0.028 mg/kg      |              | <0.028 mg/kg   | <0.0000028 %         |            | <LOD           |
|    |  | 203-458-1,<br>200-863-5  | 107-06-2, 75-34-3  |          |                   |              |                |                      |            |                |
| 40 | tetrachloroethylene  |  |  |          | <0.042 mg/kg      |              | <0.042 mg/kg   | <0.0000042 %         |            | <LOD           |
|    | 602-028-00-4   | 204-825-9  | 127-18-4   |          |                   |              |                |                      |            |                |





| #  | 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 |          |                   |              |                |                      |            |                |
| 41 | carbon tetrachloride; tetrachloromethane<br>602-008-00-5   200-262-8   56-23-5   |           |            |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
| 42 | trichloroethylene; trichloroethene<br>602-027-00-9   201-167-4   79-01-6   |           |            |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
| 43 | vinyl chloride; chloroethylene<br>602-023-00-7   200-831-0   75-01-4   |           |            |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
| 44 | hexachlorobenzene<br>602-065-00-6   204-273-9   118-74-1   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 45 | polychlorobiphenyls; PCB<br>602-039-00-4   215-648-1   1336-36-3   |           |            |          | <0.0069 mg/kg     |              | <0.0069 mg/kg  | <0.000000693 %       |            | <LOD           |
| 46 | vanadium { divanadium pentaoxide; vanadium pentoxide }<br>023-001-00-8   215-239-8   1314-62-1   |           |            |          | 44.5 mg/kg        | 1.785        | 57.356 mg/kg   | 0.00574 %            | ✓          |                |
| 47 | coronene<br>205-881-7   191-07-1   |           |            |          | <0.4 mg/kg        |              | <0.4 mg/kg     | <0.00004 %           |            | <LOD           |
| 48 | bis(2-chloroethyl) ether<br>603-029-00-2   203-870-1   111-44-4  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 49 | benzyl alcohol<br>603-057-00-5   202-859-9   100-51-6  |           |            |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
| 50 | hexachloroethane<br>200-666-4   67-72-1  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 51 | nitrosodipropylamine<br>612-098-00-8   210-698-0   621-64-7  |           |            |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
| 52 | nitrobenzene<br>609-003-00-7   202-716-0   98-95-3   |           |            |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
| 53 | 3,5,5-trimethylcyclohex-2-enone; isophorone<br>606-012-00-8   201-126-0   78-59-1  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 54 | 2-nitrophenol<br>201-857-5   88-75-5   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 55 | 3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]<br>604-006-00-X   202-439-5 [1]   95-65-8 [1]   202-461-5 [2]   95-87-4 [2]   203-321-6 [3]   105-67-9 [3]   208-395-3 [4]   526-75-0 [4]   209-400-1 [5]   576-26-1 [5]   215-089-3 [6]   1300-71-6 [6]   276-245-4 [7]   71975-58-1 [7] |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 56 | benzoic acid<br>607-705-00-8   200-618-2   65-85-0   |           |            |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
| 57 | bis(2-chloroethoxy)methane<br>203-920-2   111-91-1   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 58 | 2,4-dichlorophenol<br>604-011-00-7   204-429-6   120-83-2  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 59 | 4-chloroaniline<br>612-137-00-9   203-401-0   106-47-8   |           |            |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
| 60 | chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol<br>604-014-00-3   200-431-6   59-50-7   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 61 | 2-methyl naphthalene<br>202-078-3   91-57-6  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 62 | hexachlorocyclopentadiene<br>602-078-00-7   201-029-3   77-47-4  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 63 | 2,4,6-trichlorophenol<br>604-018-00-5   201-795-9   88-06-2  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 64 | 2,4,5-trichlorophenol<br>604-017-00-X   202-467-8   95-95-4  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 65 | 2-chloronaphthalene<br>202-079-9   91-58-7   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |

| #  | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 66 | biphenyl; diphenyl   |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    | 601-042-00-8   | 202-163-5                      | 92-52-4                        |          |                   |              |                |                      |            |                |
| 67 | dimethyl phthalate   |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 205-011-6                      | 131-11-3                       |          |                   |              |                |                      |            |                |
| 68 | 2,6-dinitrotoluene   |                                |                                |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
|    | 609-049-00-8   | 210-106-0                      | 606-20-2                       |          |                   |              |                |                      |            |                |
| 69 | 2,4-dinitrophenol  |                                |                                |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
|    | 609-041-00-4   | 200-087-7                      | 51-28-5                        |          |                   |              |                |                      |            |                |
| 70 | dibenzofuran   |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 205-071-3                      | 132-64-9                       |          |                   |              |                |                      |            |                |
| 71 | 4-nitrophenol; p-nitrophenol                                   |                                |                                |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
|    | 609-015-00-2   | 202-811-7                      | 100-02-7                       |          |                   |              |                |                      |            |                |
| 72 | 2,4-dinitrotoluene; [1] dinitrotoluene [2]                     |                                |                                |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    | 609-007-00-9   | 204-450-0 [1]<br>246-836-1 [2] | 121-14-2 [1]<br>25321-14-6 [2] |          |                   |              |                |                      |            |                |
| 73 | diethyl phthalate  |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 201-550-6                      | 84-66-2                        |          |                   |              |                |                      |            |                |
| 74 | 4-chlorophenylphenylether                                      |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 230-281-7                      | 7005-72-3                      |          |                   |              |                |                      |            |                |
| 75 | DNOC (ISO); 4,6-dinitro-o-cresol                               |                                |                                |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    | 609-020-00-X   | 208-601-1                      | 534-52-1                       |          |                   |              |                |                      |            |                |
| 76 | azobenzene   |                                |                                |          | <0.4 mg/kg        |              | <0.4 mg/kg     | <0.00004 %           |            | <LOD           |
|    | 611-001-00-6   | 203-102-5                      | 103-33-3                       |          |                   |              |                |                      |            |                |
| 77 | 4-bromophenylphenylether                                       |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 202-952-4                      | 101-55-3                       |          |                   |              |                |                      |            |                |
| 78 | pentachlorophenol  |                                |                                |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
|    | 604-002-00-8   | 201-778-6                      | 87-86-5                        |          |                   |              |                |                      |            |                |
| 79 | carbazole  |                                |                                |          | <0.4 mg/kg        |              | <0.4 mg/kg     | <0.00004 %           |            | <LOD           |
|    |  | 201-696-0                      | 86-74-8                        |          |                   |              |                |                      |            |                |
| 80 | dibutyl phthalate; DBP   |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    | 607-318-00-4   | 201-557-4                      | 84-74-2                        |          |                   |              |                |                      |            |                |
| 81 | BBP; benzyl butyl phthalate                                    |                                |                                |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    | 607-430-00-3   | 201-622-7                      | 85-68-7                        |          |                   |              |                |                      |            |                |
| 82 | bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP |                                |                                |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    | 607-317-00-9   | 204-211-0                      | 117-81-7                       |          |                   |              |                |                      |            |                |
| 83 | di-n-octyl phthalate   |                                |                                |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    |  | 204-214-7                      | 117-84-0                       |          |                   |              |                |                      |            |                |
| 84 | dichlorodifluoromethane  |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|    |  | 200-893-9                      | 75-71-8                        |          |                   |              |                |                      |            |                |
| 85 | chloromethane; methyl chloride                                 |                                |                                |          | <0.042 mg/kg      |              | <0.042 mg/kg   | <0.0000042 %         |            | <LOD           |
|    | 602-001-00-7   | 200-817-4                      | 74-87-3                        |          |                   |              |                |                      |            |                |
| 86 | bromomethane; methylbromide                                    |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|    | 602-002-00-2   | 200-813-2                      | 74-83-9                        |          |                   |              |                |                      |            |                |
| 87 | chloroethane   |                                |                                |          | <0.028 mg/kg      |              | <0.028 mg/kg   | <0.0000028 %         |            | <LOD           |
|    | 602-009-00-0   | 200-830-5                      | 75-00-3                        |          |                   |              |                |                      |            |                |
| 88 | trichlorofluoromethane   |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|    |  | 200-892-3                      | 75-69-4                        |          |                   |              |                |                      |            |                |
| 89 | 1,1-dichloroethylene; vinylidene chloride                      |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|    | 602-025-00-8   | 200-864-0                      | 75-35-4                        |          |                   |              |                |                      |            |                |
| 90 | 2,2-dichloropropane  |                                |                                |          | <0.028 mg/kg      |              | <0.028 mg/kg   | <0.0000028 %         |            | <LOD           |
|    |  | 209-832-0                      | 594-20-7                       |          |                   |              |                |                      |            |                |
| 91 | bromochloromethane   |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|    |  | 200-826-3                      | 74-97-5                        |          |                   |              |                |                      |            |                |
| 92 | chloroform; trichloromethane                                   |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|    | 602-006-00-4   | 200-663-8                      | 67-66-3                        |          |                   |              |                |                      |            |                |
| 93 | 1,1,1-trichloroethane; methyl chloroform                       |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|    | 602-013-00-2   | 200-756-3                      | 71-55-6                        |          |                   |              |                |                      |            |                |
| 94 | 1,1-dichloropropene  |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|    | 602-031-00-0   | 209-253-3                      | 563-58-6                       |          |                   |              |                |                      |            |                |

| #   | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|-----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|     | EU CLP index number                                  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 95  | 1,2-dichloropropane; propylene dichloride            |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     | 602-020-00-0   | 201-152-2                      | 78-87-5                        |          |                   |              |                |                      |            |                |
| 96  | dibromomethane                                       |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     | 602-003-00-8   | 200-824-2                      | 74-95-3                        |          |                   |              |                |                      |            |                |
| 97  | bromodichloromethane                                 |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     |  | 200-856-7                      | 75-27-4                        |          |                   |              |                |                      |            |                |
| 98  | 1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     | 602-030-00-5   | 208-826-5 [1]<br>233-195-8 [2] | 542-75-6 [1]<br>10061-01-5 [2] |          |                   |              |                |                      |            |                |
| 99  | trans-1,3-dichloropropene                            |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     |  | 431-460-4                      | 10061-02-6                     |          |                   |              |                |                      |            |                |
| 100 | 1,1,2-trichloroethane                                |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     | 602-014-00-8   | 201-166-9                      | 79-00-5                        |          |                   |              |                |                      |            |                |
| 101 | 1,3-dichloropropane                                  |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     |  | 205-531-3                      | 142-28-9                       |          |                   |              |                |                      |            |                |
| 102 | dibromochloromethane                                 |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     |  | 204-704-0                      | 124-48-1                       |          |                   |              |                |                      |            |                |
| 103 | 1,2-dibromoethane                                    |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     | 602-010-00-6   | 203-444-5                      | 106-93-4                       |          |                   |              |                |                      |            |                |
| 104 | chlorobenzene  |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     | 602-033-00-1   | 203-628-5                      | 108-90-7                       |          |                   |              |                |                      |            |                |
| 105 | 1,1,1,2-tetrachloroethane                            |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     |  | 211-135-1                      | 630-20-6                       |          |                   |              |                |                      |            |                |
| 106 | styrene  |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     | 601-026-00-0   | 202-851-5                      | 100-42-5                       |          |                   |              |                |                      |            |                |
| 107 | bromoform; tribromomethane                           |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     | 602-007-00-X   | 200-854-6                      | 75-25-2                        |          |                   |              |                |                      |            |                |
| 108 | 1,1,1,2-tetrachloroethane                            |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     | 602-015-00-3   | 201-197-8                      | 79-34-5                        |          |                   |              |                |                      |            |                |
| 109 | bromobenzene   |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     | 602-060-00-9   | 203-623-8                      | 108-86-1                       |          |                   |              |                |                      |            |                |
| 110 | 1,2,3-trichloropropane                               |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     | 602-062-00-X   | 202-486-1                      | 96-18-4                        |          |                   |              |                |                      |            |                |
| 111 | mesitylene; 1,3,5-trimethylbenzene                   |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     | 601-025-00-5   | 203-604-4                      | 108-67-8                       |          |                   |              |                |                      |            |                |
| 112 | tert-butylbenzene                                    |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     |  | 202-632-4                      | 98-06-6                        |          |                   |              |                |                      |            |                |
| 113 | 1,2,4-trimethylbenzene                               |                                |                                |          | 0.017 mg/kg       |              | 0.0123 mg/kg   | 0.00000123 %         | ✓          |                |
|     | 601-043-00-3   | 202-436-9                      | 95-63-6                        |          |                   |              |                |                      |            |                |
| 114 | sec-butylbenzene                                     |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     |  | 205-227-0                      | 135-98-8                       |          |                   |              |                |                      |            |                |
| 115 | 4-isopropyltoluene                                   |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     |  | 202-796-7                      | 99-87-6                        |          |                   |              |                |                      |            |                |
| 116 | 1,3-dichlorobenzene                                  |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     | 602-067-00-7   | 208-792-1                      | 541-73-1                       |          |                   |              |                |                      |            |                |
| 117 | 1,4-dichlorobenzene; p-dichlorobenzene               |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     | 602-035-00-2   | 203-400-5                      | 106-46-7                       |          |                   |              |                |                      |            |                |
| 118 | n-butylbenzene                                       |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     |  | 203-209-7                      | 104-51-8                       |          |                   |              |                |                      |            |                |
| 119 | 1,2-dichlorobenzene; o-dichlorobenzene               |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     | 602-034-00-7   | 202-425-9                      | 95-50-1                        |          |                   |              |                |                      |            |                |
| 120 | 1,2-dibromo-3-chloropropane                          |                                |                                |          | <0.014 mg/kg      |              | <0.014 mg/kg   | <0.0000014 %         |            | <LOD           |
|     | 602-021-00-6   | 202-479-3                      | 96-12-8                        |          |                   |              |                |                      |            |                |
| 121 | 1,2,4-trichlorobenzene                               |                                |                                |          | <0.042 mg/kg      |              | <0.042 mg/kg   | <0.0000042 %         |            | <LOD           |
|     | 602-087-00-6   | 204-428-0                      | 120-82-1                       |          |                   |              |                |                      |            |                |
| 122 | hexachlorobutadiene                                  |                                |                                |          | <0.028 mg/kg      |              | <0.028 mg/kg   | <0.0000028 %         |            | <LOD           |
|     |  | 201-765-5                      | 87-68-3                        |          |                   |              |                |                      |            |                |
| 123 | 1,2,3-trichlorobenzene                               |                                |                                |          | <0.042 mg/kg      |              | <0.042 mg/kg   | <0.0000042 %         |            | <LOD           |
|     |  | 201-757-1                      | 87-61-6                        |          |                   |              |                |                      |            |                |

| #      | Determinand  |               |                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|---------------|----------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number  | EC Number     | CAS Number     |          |                   |              |                |                      |            |                |
| 124    | 2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]     |               |                |          | <0.8 mg/kg        |              | <0.8 mg/kg     | <0.00008 %           |            | <LOD           |
|        | 604-008-00-0   | 202-433-2 [1] | 95-57-8 [1]    |          |                   |              |                |                      |            |                |
|        |  | 203-402-6 [2] | 106-48-9 [2]   |          |                   |              |                |                      |            |                |
|        |  | 203-582-6 [3] | 108-43-0 [3]   |          |                   |              |                |                      |            |                |
|        |  | 246-691-4 [4] | 25167-80-0 [4] |          |                   |              |                |                      |            |                |
| 125    | 1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]   |               |                |          | <0.083 mg/kg      |              | <0.083 mg/kg   | <0.000083 %          |            | <LOD           |
|        | 602-026-00-3   | 208-750-2 [1] | 540-59-0 [1]   |          |                   |              |                |                      |            |                |
|        |  | 205-859-7 [2] | 156-59-2 [2]   |          |                   |              |                |                      |            |                |
|        |  | 205-860-2 [3] | 156-60-5 [3]   |          |                   |              |                |                      |            |                |
| 126    | cumene; [1] propylbenzene [2]  |               |                |          | <0.028 mg/kg      |              | <0.028 mg/kg   | <0.000028 %          |            | <LOD           |
|        | 601-024-00-X   | 202-704-5 [1] | 98-82-8 [1]    |          |                   |              |                |                      |            |                |
|        |  | 203-132-9 [2] | 103-65-1 [2]   |          |                   |              |                |                      |            |                |
| 127    | 2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] |               |                |          | <0.028 mg/kg      |              | <0.028 mg/kg   | <0.000028 %          |            | <LOD           |
|        | 602-040-00-X   | 202-424-3 [1] | 95-49-8 [1]    |          |                   |              |                |                      |            |                |
|        |  | 203-580-5 [2] | 108-41-8 [2]   |          |                   |              |                |                      |            |                |
|        |  | 203-397-0 [3] | 106-43-4 [3]   |          |                   |              |                |                      |            |                |
|        |  | 246-698-2 [4] | 25168-05-2 [4] |          |                   |              |                |                      |            |                |
| Total: |  |               |                |          |                   |              |                | 0.0662 %             |            |                |

#### 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 |
| <b>&lt;LOD</b>  | 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 because** Hazard Property HP 3(i) Flammable on account of TPH. 'Flammable liquid waste' defined as 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). The flammability risk of the materials can only be confirmed by means of flash point testing, which was not undertaken as part of the ground investigation. However, the hazardous property HP3(i) relates to liquid waste and the materials sampled were solid. In order to assess the Hazard HP3, the 'decision tree' presented in the WM3 guidance for 'Waste soil' in relation to Hazard HP 3 was followed. The assessment process indicated that the Hazard Property HP 3(i) in the samples listed above can be discounted. The samples are therefore not considered to be 'truly hazardous' by virtue of HP 3(i) and a non-hazardous class is considered most appropriate


Hazard Statements hit:

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

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 0.00279%)  
1,2,4-trimethylbenzene: (conc.: 1.23e-06%)

**Classification of sample: BH103-12-ES-1.10-04/05/2023**

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

**Sample details**

|                                    |  |
|------------------------------------|--|
| Sample name:                       | LoW Code:  |
| <b>BH103-12-ES-1.10-04/05/2023</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>1.10 m</b>                      |  |
| Moisture content:                  |  |
| <b>18.6%</b>                       |  |
| (wet weight correction)            |  |

**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:

TPH (C6 to C40) petroleum group: (conc.: 0.199%)

**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.: 0.199%)

**Hazard properties (substances considered hazardous until shown otherwise)**

**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.: 5.21e-06%)

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

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 0.199%)

xylene: (conc.: 0.00001%)

tert-butylbenzene: (conc.: 7.33e-07%)

1,2,4-trimethylbenzene: (conc.: 8.14e-07%)

sec-butylbenzene: (conc.: 0.00001%)

n-butylbenzene: (conc.: 7.9e-06%)

cumene; [1] propylbenzene [2]: (conc.: 0.00001%)

**Determinands**

Moisture content: 18.6% Wet Weight Moisture Correction applied (MC)

| #  | Determinand  |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|--|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | antimony { antimony trioxide }<br>051-005-00-X 215-175-0 1309-64-4   |           |            |          | 0.2               | mg/kg | 1.197        | 0.195          | mg/kg | 0.0000195 %          | ✓          |                |
| 2  | arsenic { arsenic trioxide }<br>033-003-00-0 215-481-4 1327-53-3   |           |            |          | 7.6               | mg/kg | 1.32         | 8.168          | mg/kg | 0.000817 %           | ✓          |                |
| 3  | beryllium { beryllium oxide }<br>004-003-00-8 215-133-1 1304-56-9  |           |            |          | 0.33              | mg/kg | 2.775        | 0.746          | mg/kg | 0.0000746 %          | ✓          |                |
| 4  | boron { diboron trioxide; boric oxide }<br>005-008-00-8 215-125-8 1303-86-2  |           |            |          | 2.2               | mg/kg | 3.22         | 5.766          | mg/kg | 0.000577 %           | ✓          |                |
| 5  | cadmium { cadmium oxide }<br>048-002-00-0 215-146-2 1306-19-0  |           |            |          | 0.3               | mg/kg | 1.142        | 0.279          | mg/kg | 0.0000279 %          | ✓          |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }<br>215-160-9 1308-38-9  |           |            |          | 24.5              | mg/kg | 1.462        | 29.148         | mg/kg | 0.00291 %            | ✓          |                |
| 7  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }<br>024-017-00-8                               |           |            |          | <0.1              | mg/kg | 2.27         | <0.227         | mg/kg | <0.0000227 %         |            | <LOD           |
| 8  | copper { dicopper oxide; copper (I) oxide }<br>029-002-00-X 215-270-7 1317-39-1  |           |            |          | 30                | mg/kg | 1.126        | 27.494         | mg/kg | 0.00275 %            | ✓          |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }<br>082-001-00-6   |           |            | 1        | 19                | mg/kg |              | 15.466         | mg/kg | 0.00155 %            | ✓          |                |
| 10 | mercury { mercury dichloride }<br>080-010-00-X 231-299-8 7487-94-7   |           |            |          | <0.5              | mg/kg | 1.353        | <0.677         | mg/kg | <0.0000677 %         |            | <LOD           |
| 11 | nickel { nickel sulfate }<br>028-009-00-5 232-104-9 7786-81-4  |           |            |          | 47.5              | mg/kg | 2.637        | 101.947        | mg/kg | 0.0102 %             | ✓          |                |
| 12 | selenium { nickel selenate }<br>028-031-00-5 239-125-2 15060-62-5  |           |            |          | <0.5              | mg/kg | 2.554        | <1.277         | mg/kg | <0.000128 %          |            | <LOD           |
| 13 | zinc { zinc sulphate }<br>030-006-00-9 231-793-3 [1] 7446-19-7 [1]<br>231-793-3 [2] 7733-02-0 [2]  |           |            |          | 28.9              | mg/kg | 2.469        | 58.089         | mg/kg | 0.00581 %            | ✓          |                |
| 14 | TPH (C6 to C40) petroleum group<br>TPH   |           |            |          | 2440              | mg/kg |              | 1986.16        | mg/kg | 0.199 %              | ✓          |                |
| 15 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane<br>603-181-00-X 216-653-1 1634-04-4   |           |            |          | <0.001            | mg/kg |              | <0.001         | mg/kg | <0.0000001 %         |            | <LOD           |
| 16 | benzene<br>601-020-00-8 200-753-7 71-43-2  |           |            |          | <0.001            | mg/kg |              | <0.001         | mg/kg | <0.0000001 %         |            | <LOD           |
| 17 | toluene<br>601-021-00-3 203-625-9 108-88-3   |           |            |          | <0.006            | mg/kg |              | <0.006         | mg/kg | <0.0000006 %         |            | <LOD           |
| 18 | ethylbenzene<br>601-023-00-4 202-849-4 100-41-4  |           |            |          | 0.064             | mg/kg |              | 0.0521         | mg/kg | 0.00000521 %         | ✓          |                |
| 19 | xylene<br>601-022-00-9 202-422-2 [1] 95-47-6 [1]<br>203-396-5 [2] 106-42-3 [2]<br>203-576-3 [3] 108-38-3 [3]<br>215-535-7 [4] 1330-20-7 [4]  |           |            |          | 0.129             | mg/kg |              | 0.105          | mg/kg | 0.0000105 %          | ✓          |                |
| 20 | 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 }<br>006-007-00-5 |           |            |          | <0.6              | mg/kg | 1.884        | <1.13          | mg/kg | <0.000113 %          |            | <LOD           |
| 21 | pH<br>PH   |           |            |          | 8.2               | pH    |              | 8.2            | pH    | 8.2 pH               |            |                |
| 22 | naphthalene<br>601-052-00-2 202-049-5 91-20-3  |           |            |          | <0.006            | mg/kg |              | <0.006         | mg/kg | <0.0000006 %         |            | <LOD           |
| 23 | acenaphthylene<br>205-917-1 208-96-8   |           |            |          | <0.1              | mg/kg |              | <0.1           | mg/kg | <0.00001 %           |            | <LOD           |
| 24 | acenaphthene<br>201-469-6 83-32-9  |           |            |          | <0.1              | mg/kg |              | <0.1           | mg/kg | <0.00001 %           |            | <LOD           |

| #  | Determinand  |                         |                   | CLP Note  | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|-------------------------|-------------------|-----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number                                    | EC Number               | CAS Number        |           |                   |              |                |                      |            |                |
| 25 | fluorene   | 201-695-5               | 86-73-7           |           | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 26 | phenanthrene   | 201-581-5               | 85-01-8           |           | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 27 | anthracene   | 204-371-1               | 120-12-7          |           | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 28 | fluoranthene   | 205-912-4               | 206-44-0          |           | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 29 | pyrene   | 204-927-3               | 129-00-0          |           | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 30 | benzo[a]anthracene                                     | 601-033-00-9            | 200-280-6         | 56-55-3   | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 31 | chrysene   | 601-048-00-0            | 205-923-4         | 218-01-9  | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 32 | benzo[b]fluoranthene                                   | 601-034-00-4            | 205-911-9         | 205-99-2  | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 33 | benzo[k]fluoranthene                                   | 601-036-00-5            | 205-916-6         | 207-08-9  | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 34 | benzo[a]pyrene; benzo[def]chrysene                     | 601-032-00-3            | 200-028-5         | 50-32-8   | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 35 | indeno[123-cd]pyrene                                   | 205-893-2               | 193-39-5          |           | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 36 | dibenz[a,h]anthracene                                  | 601-041-00-2            | 200-181-8         | 53-70-3   | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 37 | benzo[ghi]perylene                                     | 205-883-8               | 191-24-2          |           | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 38 | phenol   | 604-001-00-2            | 203-632-7         | 108-95-2  | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 39 | 1,1-dichloroethane and 1,2-dichloroethane (combined)   | 203-458-1,<br>200-863-5 | 107-06-2, 75-34-3 |           | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 40 | tetrachloroethylene                                    | 602-028-00-4            | 204-825-9         | 127-18-4  | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
| 41 | carbon tetrachloride; tetrachloromethane               | 602-008-00-5            | 200-262-8         | 56-23-5   | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 42 | trichloroethylene; trichloroethene                     | 602-027-00-9            | 201-167-4         | 79-01-6   | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 43 | vinyl chloride; chloroethylene                         | 602-023-00-7            | 200-831-0         | 75-01-4   | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 44 | hexachlorobenzene                                      | 602-065-00-6            | 204-273-9         | 118-74-1  | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 45 | vanadium { divanadium pentaoxide; vanadium pentoxide } | 023-001-00-8            | 215-239-8         | 1314-62-1 | 24.6 mg/kg        | 1.785        | 35.747 mg/kg   | 0.00357 %            | ✓          |                |
| 46 | coronene   | 205-881-7               | 191-07-1          |           | <0.4 mg/kg        |              | <0.4 mg/kg     | <0.00004 %           |            | <LOD           |
| 47 | bis(2-chloroethyl) ether                               | 603-029-00-2            | 203-870-1         | 111-44-4  | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 48 | benzyl alcohol   | 603-057-00-5            | 202-859-9         | 100-51-6  | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 49 | hexachloroethane                                       | 200-666-4               | 67-72-1           |           | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 50 | nitrosodipropylamine                                   | 612-098-00-8            | 210-698-0         | 621-64-7  | <1.1 mg/kg        |              | <1.1 mg/kg     | <0.00011 %           |            | <LOD           |
| 51 | nitrobenzene   | 609-003-00-7            | 202-716-0         | 98-95-3   | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 52 | 3,5,5-trimethylcyclohex-2-enone; isophorone            | 606-012-00-8            | 201-126-0         | 78-59-1   | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |



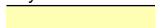





| #  | Determinand  |              |   | CLP Note  | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------|---|---|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number    | CAS Number  |   |                   |              |                |                      |            |                |
| 53 | 2-nitrophenol  | 201-857-5    | 88-75-5   |   | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 54 | 3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7] | 604-006-00-X | 202-439-5 [1]<br>202-461-5 [2]<br>203-321-6 [3]<br>208-395-3 [4]<br>209-400-1 [5]<br>215-089-3 [6]<br>276-245-4 [7] | 95-65-8 [1]<br>95-87-4 [2]<br>105-67-9 [3]<br>526-75-0 [4]<br>576-26-1 [5]<br>1300-71-6 [6]<br>71975-58-1 [7] | 0.2 mg/kg         |              | 0.163 mg/kg    | 0.0000163 %          | ✓          |                |
| 55 | benzoic acid   | 607-705-00-8 | 200-618-2   | 65-85-0   | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 56 | bis(2-chloroethoxy)methane   | 203-920-2    | 111-91-1  |   | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 57 | 2,4-dichlorophenol   | 604-011-00-7 | 204-429-6   | 120-83-2  | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 58 | 4-chloroaniline  | 612-137-00-9 | 203-401-0   | 106-47-8  | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 59 | chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol   | 604-014-00-3 | 200-431-6   | 59-50-7   | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 60 | 2-methyl naphthalene   | 202-078-3    | 91-57-6   |   | 0.2 mg/kg         |              | 0.163 mg/kg    | 0.0000163 %          | ✓          |                |
| 61 | hexachlorocyclopentadiene  | 602-078-00-7 | 201-029-3   | 77-47-4   | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 62 | 2,4,6-trichlorophenol  | 604-018-00-5 | 201-795-9   | 88-06-2   | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 63 | 2,4,5-trichlorophenol  | 604-017-00-X | 202-467-8   | 95-95-4   | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 64 | 2-chloronaphthalene  | 202-079-9    | 91-58-7   |   | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 65 | biphenyl; diphenyl   | 601-042-00-8 | 202-163-5   | 92-52-4   | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 66 | dimethyl phthalate   | 205-011-6    | 131-11-3  |   | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 67 | 2,6-dinitrotoluene   | 609-049-00-8 | 210-106-0   | 606-20-2  | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 68 | 2,4-dinitrophenol  | 609-041-00-4 | 200-087-7   | 51-28-5   | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 69 | dibenzofuran   | 205-071-3    | 132-64-9  |   | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 70 | 4-nitrophenol; p-nitrophenol   | 609-015-00-2 | 202-811-7   | 100-02-7  | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 71 | 2,4-dinitrotoluene; [1] dinitrotoluene [2]   | 609-007-00-9 | 204-450-0 [1]<br>246-836-1 [2]  | 121-14-2 [1]<br>25321-14-6 [2]  | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 72 | diethyl phthalate  | 201-550-6    | 84-66-2   |   | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 73 | 4-chlorophenylphenylether  | 230-281-7    | 7005-72-3   |   | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 74 | DNOC (ISO); 4,6-dinitro-o-cresol   | 609-020-00-X | 208-601-1   | 534-52-1  | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 75 | azobenzene   | 611-001-00-6 | 203-102-5   | 103-33-3  | <0.4 mg/kg        |              | <0.4 mg/kg     | <0.00004 %           |            | <LOD           |
| 76 | 4-bromophenylphenylether   | 202-952-4    | 101-55-3  |   | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 77 | pentachlorophenol  | 604-002-00-8 | 201-778-6   | 87-86-5   | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |

| #   | 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                     |                                |                   |              |                |                      |            |                |
| 78  | carbazole  | 201-696-0    | 86-74-8                        |                                | <0.4 mg/kg        |              | <0.4 mg/kg     | <0.00004 %           |            | <LOD           |
| 79  | dibutyl phthalate; DBP   | 607-318-00-4 | 201-557-4                      | 84-74-2                        | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 80  | BBP; benzyl butyl phthalate                                    | 607-430-00-3 | 201-622-7                      | 85-68-7                        | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 81  | bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP | 607-317-00-9 | 204-211-0                      | 117-81-7                       | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 82  | di-n-octyl phthalate   |              | 204-214-7                      | 117-84-0                       | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 83  | dichlorodifluoromethane  |              | 200-893-9                      | 75-71-8                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 84  | chloromethane; methyl chloride                                 | 602-001-00-7 | 200-817-4                      | 74-87-3                        | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
| 85  | bromomethane; methylbromide                                    | 602-002-00-2 | 200-813-2                      | 74-83-9                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 86  | chloroethane   | 602-009-00-0 | 200-830-5                      | 75-00-3                        | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 87  | trichlorofluoromethane   |              | 200-892-3                      | 75-69-4                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 88  | 1,1-dichloroethylene; vinylidene chloride                      | 602-025-00-8 | 200-864-0                      | 75-35-4                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 89  | 2,2-dichloropropane  |              | 209-832-0                      | 594-20-7                       | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 90  | bromochloromethane   |              | 200-826-3                      | 74-97-5                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 91  | chloroform; trichloromethane                                   | 602-006-00-4 | 200-663-8                      | 67-66-3                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 92  | 1,1,1-trichloroethane; methyl chloroform                       | 602-013-00-2 | 200-756-3                      | 71-55-6                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 93  | 1,1-dichloropropene  | 602-031-00-0 | 209-253-3                      | 563-58-6                       | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 94  | 1,2-dichloropropane; propylene dichloride                      | 602-020-00-0 | 201-152-2                      | 78-87-5                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 95  | dibromomethane   | 602-003-00-8 | 200-824-2                      | 74-95-3                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 96  | bromodichloromethane   |              | 200-856-7                      | 75-27-4                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 97  | 1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]           | 602-030-00-5 | 208-826-5 [1]<br>233-195-8 [2] | 542-75-6 [1]<br>10061-01-5 [2] | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 98  | trans-1,3-dichloropropene                                      |              | 431-460-4                      | 10061-02-6                     | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 99  | 1,1,2-trichloroethane  | 602-014-00-8 | 201-166-9                      | 79-00-5                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 100 | 1,3-dichloropropane  |              | 205-531-3                      | 142-28-9                       | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 101 | dibromochloromethane   |              | 204-704-0                      | 124-48-1                       | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 102 | 1,2-dibromoethane  | 602-010-00-6 | 203-444-5                      | 106-93-4                       | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 103 | chlorobenzene  | 602-033-00-1 | 203-628-5                      | 108-90-7                       | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 104 | 1,1,1,2-tetrachloroethane                                      |              | 211-135-1                      | 630-20-6                       | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 105 | styrene  | 601-026-00-0 | 202-851-5                      | 100-42-5                       | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 106 | bromoform; tribromomethane                                     | 602-007-00-X | 200-854-6                      | 75-25-2                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |

| #      | 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 |          |                   |              |                |                      |            |                |
| 107    | 1,1,2,2-tetrachloroethane<br>602-015-00-3 201-197-8 79-34-5  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 108    | bromobenzene<br>602-060-00-9 203-623-8 108-86-1  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 109    | 1,2,3-trichloropropane<br>602-062-00-X 202-486-1 96-18-4   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 110    | mesitylene; 1,3,5-trimethylbenzene<br>601-025-00-5 203-604-4 108-67-8  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 111    | tert-butylbenzene<br>202-632-4 98-06-6   |           |            |          | 0.009 mg/kg       |              | 0.0073 mg/kg   | 0.000000733 %        | ✓          |                |
| 112    | 1,2,4-trimethylbenzene<br>601-043-00-3 202-436-9 95-63-6   |           |            |          | 0.01 mg/kg        |              | 0.0081 mg/kg   | 0.000000814 %        | ✓          |                |
| 113    | sec-butylbenzene<br>205-227-0 135-98-8   |           |            |          | 0.136 mg/kg       |              | 0.111 mg/kg    | 0.0000111 %          | ✓          |                |
| 114    | 4-isopropyltoluene<br>202-796-7 99-87-6  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 115    | 1,3-dichlorobenzene<br>602-067-00-7 208-792-1 541-73-1   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 116    | 1,4-dichlorobenzene; p-dichlorobenzene<br>602-035-00-2 203-400-5 106-46-7  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 117    | n-butylbenzene<br>203-209-7 104-51-8   |           |            |          | 0.097 mg/kg       |              | 0.079 mg/kg    | 0.0000079 %          | ✓          |                |
| 118    | 1,2-dichlorobenzene; o-dichlorobenzene<br>602-034-00-7 202-425-9 95-50-1   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 119    | 1,2-dibromo-3-chloropropane<br>602-021-00-6 202-479-3 96-12-8  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 120    | 1,2,4-trichlorobenzene<br>602-087-00-6 204-428-0 120-82-1  |           |            |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
| 121    | hexachlorobutadiene<br>201-765-5 87-68-3   |           |            |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 122    | 1,2,3-trichlorobenzene<br>201-757-1 87-61-6  |           |            |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
| 123    | 2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]<br>604-008-00-0 202-433-2 [1] 95-57-8 [1]<br>203-402-6 [2] 106-48-9 [2]<br>203-582-6 [3] 108-43-0 [3]<br>246-691-4 [4] 25167-80-0 [4]     |           |            |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
| 124    | 1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]<br>602-026-00-3 208-750-2 [1] 540-59-0 [1]<br>205-859-7 [2] 156-59-2 [2]<br>205-860-2 [3] 156-60-5 [3]                                  |           |            |          | <0.007 mg/kg      |              | <0.007 mg/kg   | <0.0000007 %         |            | <LOD           |
| 125    | cumene; [1] propylbenzene [2]<br>601-024-00-X 202-704-5 [1] 98-82-8 [1]<br>203-132-9 [2] 103-65-1 [2]  |           |            |          | 0.202 mg/kg       |              | 0.164 mg/kg    | 0.0000164 %          | ✓          |                |
| 126    | 2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]<br>602-040-00-X 202-424-3 [1] 95-49-8 [1]<br>203-580-5 [2] 108-41-8 [2]<br>203-397-0 [3] 106-43-4 [3]<br>246-698-2 [4] 25168-05-2 [4] |           |            |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| Total: |  |           |            |          |                   |              |                | 0.229 %              |            |                |

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### Key

|   |   |
|---|---|
|  | User supplied data  |
|  | Determinand values ignored for classification, see column 'Conc. Not Used' for reason   |
|  | Hazardous result  |
|  | Potentially 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 |
| <b>&lt;LOD</b>  | Below limit of detection  |
| CLP: Note 1   | Only the metal concentration has been used for classification   |

Classification of sample: TP103A-3-ES-0.20-03/05/2023

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

**Sample details**

|                                    |           |   |
|------------------------------------|-----------|---|
| Sample name:                       | LoW Code: |   |
| <b>TP103A-3-ES-0.20-03/05/2023</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>6.7%</b>                        |           |   |
| (wet weight correction)            |           |   |

**Hazard properties**

None identified


**Determinands**

Moisture content: 6.7% Wet Weight Moisture Correction applied (MC)

| #  | Determinand  |                                |                                | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|--------------------------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number                      | CAS Number                     |          |                   |       |              |                |       |                      |            |                |
| 1  | antimony { antimony trioxide }   |                                |                                |          | 1.2               | mg/kg | 1.197        | 1.34           | mg/kg | 0.000134 %           | ✓          |                |
|    | 051-005-00-X   | 215-175-0                      | 1309-64-4                      |          |                   |       |              |                |       |                      |            |                |
| 2  | arsenic { arsenic trioxide }   |                                |                                |          | 59.2              | mg/kg | 1.32         | 72.926         | mg/kg | 0.00729 %            | ✓          |                |
|    | 033-003-00-0   | 215-481-4                      | 1327-53-3                      |          |                   |       |              |                |       |                      |            |                |
| 3  | beryllium { beryllium oxide }  |                                |                                |          | 0.35              | mg/kg | 2.775        | 0.906          | mg/kg | 0.0000906 %          | ✓          |                |
|    | 004-003-00-8   | 215-133-1                      | 1304-56-9                      |          |                   |       |              |                |       |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }  |                                |                                |          | 1.3               | mg/kg | 3.22         | 3.905          | mg/kg | 0.000391 %           | ✓          |                |
|    | 005-008-00-8   | 215-125-8                      | 1303-86-2                      |          |                   |       |              |                |       |                      |            |                |
| 5  | cadmium { cadmium oxide }  |                                |                                |          | 2.9               | mg/kg | 1.142        | 3.091          | mg/kg | 0.000309 %           | ✓          |                |
|    | 048-002-00-0   | 215-146-2                      | 1306-19-0                      |          |                   |       |              |                |       |                      |            |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }   |                                |                                |          | 16.5              | mg/kg | 1.462        | 22.5           | mg/kg | 0.00225 %            | ✓          |                |
|    |  | 215-160-9                      | 1308-38-9                      |          |                   |       |              |                |       |                      |            |                |
| 7  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                |          | <0.1              | mg/kg | 2.27         | <0.227         | mg/kg | <0.0000227 %         |            | <LOD           |
|    |  |                                |                                |          |                   |       |              |                |       |                      |            |                |
| 8  | copper { dicopper oxide; copper (I) oxide }  |                                |                                |          | 20.7              | mg/kg | 1.126        | 21.744         | mg/kg | 0.00217 %            | ✓          |                |
|    | 029-002-00-X   | 215-270-7                      | 1317-39-1                      |          |                   |       |              |                |       |                      |            |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }   |                                |                                | 1        | 109.2             | mg/kg |              | 101.884        | mg/kg | 0.0102 %             | ✓          |                |
|    |  |                                |                                |          |                   |       |              |                |       |                      |            |                |
| 10 | mercury { mercury dichloride }   |                                |                                |          | <0.5              | mg/kg | 1.353        | <0.677         | mg/kg | <0.0000677 %         |            | <LOD           |
|    | 080-010-00-X   | 231-299-8                      | 7487-94-7                      |          |                   |       |              |                |       |                      |            |                |
| 11 | nickel { nickel sulfate }  |                                |                                |          | 19.6              | mg/kg | 2.637        | 48.217         | mg/kg | 0.00482 %            | ✓          |                |
|    | 028-009-00-5   | 232-104-9                      | 7786-81-4                      |          |                   |       |              |                |       |                      |            |                |
| 12 | selenium { nickel selenate }   |                                |                                |          | <0.5              | mg/kg | 2.554        | <1.277         | mg/kg | <0.000128 %          |            | <LOD           |
|    | 028-031-00-5   | 239-125-2                      | 15060-62-5                     |          |                   |       |              |                |       |                      |            |                |
| 13 | zinc { zinc sulphate }   |                                |                                |          | 370.2             | mg/kg | 2.469        | 852.887        | mg/kg | 0.0853 %             | ✓          |                |
|    | 030-006-00-9   | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |       |              |                |       |                      |            |                |
| 14 | TPH (C6 to C40) petroleum group  |                                |                                |          | 81.5              | mg/kg |              | 76.04          | mg/kg | 0.0076 %             | ✓          |                |
|    |  |                                | TPH                            |          |                   |       |              |                |       |                      |            |                |

| #      | 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   |          |                   |              |                |                      |            |                |
| 15     | benzene<br>601-020-00-8  | 200-753-7  | 71-43-2  |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 16     | toluene<br>601-021-00-3  | 203-625-9  | 108-88-3   |          | <0.005 mg/kg      |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
| 17     | ethylbenzene<br>601-023-00-4   | 202-849-4  | 100-41-4   |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 18     | 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] |          | <0.07 mg/kg       |              | <0.07 mg/kg    | <0.0000007 %         |            | <LOD           |
| 19     | 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 }<br>006-007-00-5 |  |  |          | <0.5 mg/kg        | 1.884        | <0.942 mg/kg   | <0.0000942 %         |            | <LOD           |
| 20     | naphthalene<br>601-052-00-2  | 202-049-5  | 91-20-3  |          | <0.09 mg/kg       |              | <0.09 mg/kg    | <0.0000009 %         |            | <LOD           |
| 21     | acenaphthylene<br>205-917-1  |  | 208-96-8   |          | 0.15 mg/kg        |              | 0.14 mg/kg     | 0.000014 %           | ✓          |                |
| 22     | acenaphthene<br>201-469-6  |  | 83-32-9  |          | <0.09 mg/kg       |              | <0.09 mg/kg    | <0.0000009 %         |            | <LOD           |
| 23     | fluorene<br>201-695-5  |  | 86-73-7  |          | <0.09 mg/kg       |              | <0.09 mg/kg    | <0.0000009 %         |            | <LOD           |
| 24     | phenanthrene<br>201-581-5  |  | 85-01-8  |          | 0.33 mg/kg        |              | 0.308 mg/kg    | 0.0000308 %          | ✓          |                |
| 25     | anthracene<br>204-371-1  |  | 120-12-7   |          | 0.19 mg/kg        |              | 0.177 mg/kg    | 0.0000177 %          | ✓          |                |
| 26     | fluoranthene<br>205-912-4  |  | 206-44-0   |          | 1.79 mg/kg        |              | 1.67 mg/kg     | 0.000167 %           | ✓          |                |
| 27     | pyrene<br>204-927-3  |  | 129-00-0   |          | 1.79 mg/kg        |              | 1.67 mg/kg     | 0.000167 %           | ✓          |                |
| 28     | benzo[a]anthracene<br>601-033-00-9   | 200-280-6  | 56-55-3  |          | 0.51 mg/kg        |              | 0.476 mg/kg    | 0.0000476 %          | ✓          |                |
| 29     | chrysene<br>601-048-00-0   | 205-923-4  | 218-01-9   |          | 0.83 mg/kg        |              | 0.774 mg/kg    | 0.0000774 %          | ✓          |                |
| 30     | benzo[b]fluoranthene<br>601-034-00-4   | 205-911-9  | 205-99-2   |          | 0.88 mg/kg        |              | 0.821 mg/kg    | 0.0000821 %          | ✓          |                |
| 31     | benzo[k]fluoranthene<br>601-036-00-5   | 205-916-6  | 207-08-9   |          | 0.63 mg/kg        |              | 0.588 mg/kg    | 0.0000588 %          | ✓          |                |
| 32     | benzo[a]pyrene; benzo[def]chrysene<br>601-032-00-3   | 200-028-5  | 50-32-8  |          | 0.84 mg/kg        |              | 0.784 mg/kg    | 0.0000784 %          | ✓          |                |
| 33     | indeno[123-cd]pyrene<br>205-893-2  |  | 193-39-5   |          | 0.51 mg/kg        |              | 0.476 mg/kg    | 0.0000476 %          | ✓          |                |
| 34     | dibenz[a,h]anthracene<br>601-041-00-2  | 200-181-8  | 53-70-3  |          | 0.22 mg/kg        |              | 0.205 mg/kg    | 0.0000205 %          | ✓          |                |
| 35     | benzo[ghi]perylene<br>205-883-8  |  | 191-24-2   |          | 0.66 mg/kg        |              | 0.616 mg/kg    | 0.0000616 %          | ✓          |                |
| 36     | phenol<br>604-001-00-2   | 203-632-7  | 108-95-2   |          | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
| 37     | polychlorobiphenyls; PCB<br>602-039-00-4   | 215-648-1  | 1336-36-3  |          | <0.0053 mg/kg     |              | <0.0053 mg/kg  | <0.00000536 %        |            | <LOD           |
| 38     | vanadium { divanadium pentaoxide; vanadium pentoxide }<br>023-001-00-8   | 215-239-8  | 1314-62-1  |          | 19.8 mg/kg        | 1.785        | 32.978 mg/kg   | 0.0033 %             | ✓          |                |
| 39     | coronene<br>205-881-7  |  | 191-07-1   |          | 0.22 mg/kg        |              | 0.205 mg/kg    | 0.0000205 %          | ✓          |                |
| Total: |  |  |  |          |                   |              |                | 0.125 %              |            |                |

## 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 because** Hazard Property HP 3(i) Flammable on account of TPH. 'Flammable liquid waste' defined as 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). The flammability risk of the materials can only be confirmed by means of flash point testing, which was not undertaken as part of the ground investigation. However, the hazardous property HP3(i) relates to liquid waste and the materials sampled were solid. In order to assess the Hazard HP3, the 'decision tree' presented in the WM3 guidance for 'Waste soil' in relation to Hazard HP 3 was followed. The assessment process indicated that the Hazard Property HP 3(i) in the samples listed above can be discounted. The samples are therefore not considered to be 'truly hazardous' by virtue of HP 3(i) and a non-hazardous class is considered most appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0076%)

**Classification of sample: TP104-3-ES-0.20-04/05/2023**

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

**Sample details**

|                                   |  |
|-----------------------------------|--|
| Sample name:                      | LoW Code:  |
| <b>TP104-3-ES-0.20-04/05/2023</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>17.1%</b>                      |  |
| (wet weight correction)           |  |

**Hazard properties**

None identified

**Determinands**

Moisture content: 17.1% Wet Weight Moisture Correction applied (MC)


| #  | Determinand   |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|---|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number   | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 1  | antimony { antimony trioxide }  |                                |                                |          | 1.5 mg/kg         | 1.197        | 1.489 mg/kg    | 0.000149 %           | ✓          |                |
|    | 051-005-00-X  | 215-175-0                      | 1309-64-4                      |          |                   |              |                |                      |            |                |
| 2  | arsenic { arsenic trioxide }  |                                |                                |          | 14.9 mg/kg        | 1.32         | 16.309 mg/kg   | 0.00163 %            | ✓          |                |
|    | 033-003-00-0  | 215-481-4                      | 1327-53-3                      |          |                   |              |                |                      |            |                |
| 3  | beryllium { beryllium oxide }   |                                |                                |          | 0.33 mg/kg        | 2.775        | 0.759 mg/kg    | 0.0000759 %          | ✓          |                |
|    | 004-003-00-8  | 215-133-1                      | 1304-56-9                      |          |                   |              |                |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }   |                                |                                |          | 2.4 mg/kg         | 3.22         | 6.406 mg/kg    | 0.000641 %           | ✓          |                |
|    | 005-008-00-8  | 215-125-8                      | 1303-86-2                      |          |                   |              |                |                      |            |                |
| 5  | cadmium { cadmium oxide }   |                                |                                |          | 1.2 mg/kg         | 1.142        | 1.136 mg/kg    | 0.000114 %           | ✓          |                |
|    | 048-002-00-0  | 215-146-2                      | 1306-19-0                      |          |                   |              |                |                      |            |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }  |                                |                                |          | 30.2 mg/kg        | 1.462        | 36.591 mg/kg   | 0.00366 %            | ✓          |                |
|    |   | 215-160-9                      | 1308-38-9                      |          |                   |              |                |                      |            |                |
| 7  | chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                |          | <0.1 mg/kg        | 2.27         | <0.227 mg/kg   | <0.0000227 %         |            | <LOD           |
|    | 024-017-00-8  |                                |                                |          |                   |              |                |                      |            |                |
| 8  | copper { dicopper oxide; copper (I) oxide }   |                                |                                |          | 67.2 mg/kg        | 1.126        | 62.722 mg/kg   | 0.00627 %            | ✓          |                |
|    | 029-002-00-X  | 215-270-7                      | 1317-39-1                      |          |                   |              |                |                      |            |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }  |                                |                                | 1        | 68.8 mg/kg        |              | 57.035 mg/kg   | 0.0057 %             | ✓          |                |
|    | 082-001-00-6  |                                |                                |          |                   |              |                |                      |            |                |
| 10 | mercury { mercury dichloride }  |                                |                                |          | 0.8 mg/kg         | 1.353        | 0.898 mg/kg    | 0.0000898 %          | ✓          |                |
|    | 080-010-00-X  | 231-299-8                      | 7487-94-7                      |          |                   |              |                |                      |            |                |
| 11 | nickel { nickel sulfate }   |                                |                                |          | 37.3 mg/kg        | 2.637        | 81.531 mg/kg   | 0.00815 %            | ✓          |                |
|    | 028-009-00-5  | 232-104-9                      | 7786-81-4                      |          |                   |              |                |                      |            |                |
| 12 | selenium { nickel selenate }  |                                |                                |          | <0.5 mg/kg        | 2.554        | <1.277 mg/kg   | <0.000128 %          |            | <LOD           |
|    | 028-031-00-5  | 239-125-2                      | 15060-62-5                     |          |                   |              |                |                      |            |                |
| 13 | zinc { zinc sulphate }  |                                |                                |          | 218.4 mg/kg       | 2.469        | 447.075 mg/kg  | 0.0447 %             | ✓          |                |
|    | 030-006-00-9  | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |              |                |                      |            |                |
| 14 | TPH (C6 to C40) petroleum group   |                                |                                |          | 38.9 mg/kg        |              | 32.248 mg/kg   | 0.00322 %            | ✓          |                |
|    |   |                                | TPH                            |          |                   |              |                |                      |            |                |



| #      | 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   |          |                   |              |                |                      |            |                |
| 15     | benzene  |  |  |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|        | 601-020-00-8   | 200-753-7  | 71-43-2  |          |                   |              |                |                      |            |                |
| 16     | toluene  |  |  |          | <0.006 mg/kg      |              | <0.006 mg/kg   | <0.0000006 %         |            | <LOD           |
|        | 601-021-00-3   | 203-625-9  | 108-88-3   |          |                   |              |                |                      |            |                |
| 17     | ethylbenzene   |  |  |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
|        | 601-023-00-4   | 202-849-4  | 100-41-4   |          |                   |              |                |                      |            |                |
| 18     | xylene   |  |  |          | <0.078 mg/kg      |              | <0.078 mg/kg   | <0.0000078 %         |            | <LOD           |
|        | 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] |          |                   |              |                |                      |            |                |
| 19     | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } |  |  |          | <0.6 mg/kg        | 1.884        | <1.13 mg/kg    | <0.000113 %          |            | <LOD           |
|        | 006-007-00-5   |  |  |          |                   |              |                |                      |            |                |
| 20     | naphthalene  |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        | 601-052-00-2   | 202-049-5  | 91-20-3  |          |                   |              |                |                      |            |                |
| 21     | acenaphthylene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        |  | 205-917-1  | 208-96-8   |          |                   |              |                |                      |            |                |
| 22     | acenaphthene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        |  | 201-469-6  | 83-32-9  |          |                   |              |                |                      |            |                |
| 23     | fluorene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        |  | 201-695-5  | 86-73-7  |          |                   |              |                |                      |            |                |
| 24     | phenanthrene   |  |  |          | 0.12 mg/kg        |              | 0.0995 mg/kg   | 0.0000995 %          | ✓          |                |
|        |  | 201-581-5  | 85-01-8  |          |                   |              |                |                      |            |                |
| 25     | anthracene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        |  | 204-371-1  | 120-12-7   |          |                   |              |                |                      |            |                |
| 26     | fluoranthene   |  |  |          | 0.48 mg/kg        |              | 0.398 mg/kg    | 0.0000398 %          | ✓          |                |
|        |  | 205-912-4  | 206-44-0   |          |                   |              |                |                      |            |                |
| 27     | pyrene   |  |  |          | 0.57 mg/kg        |              | 0.473 mg/kg    | 0.0000473 %          | ✓          |                |
|        |  | 204-927-3  | 129-00-0   |          |                   |              |                |                      |            |                |
| 28     | benzo[a]anthracene   |  |  |          | 0.1 mg/kg         |              | 0.0829 mg/kg   | 0.0000829 %          | ✓          |                |
|        | 601-033-00-9   | 200-280-6  | 56-55-3  |          |                   |              |                |                      |            |                |
| 29     | chrysene   |  |  |          | 0.24 mg/kg        |              | 0.199 mg/kg    | 0.0000199 %          | ✓          |                |
|        | 601-048-00-0   | 205-923-4  | 218-01-9   |          |                   |              |                |                      |            |                |
| 30     | benzo[b]fluoranthene   |  |  |          | 0.26 mg/kg        |              | 0.216 mg/kg    | 0.0000216 %          | ✓          |                |
|        | 601-034-00-4   | 205-911-9  | 205-99-2   |          |                   |              |                |                      |            |                |
| 31     | benzo[k]fluoranthene   |  |  |          | 0.25 mg/kg        |              | 0.207 mg/kg    | 0.0000207 %          | ✓          |                |
|        | 601-036-00-5   | 205-916-6  | 207-08-9   |          |                   |              |                |                      |            |                |
| 32     | benzo[a]pyrene; benzo[def]chrysene   |  |  |          | 0.29 mg/kg        |              | 0.24 mg/kg     | 0.000024 %           | ✓          |                |
|        | 601-032-00-3   | 200-028-5  | 50-32-8  |          |                   |              |                |                      |            |                |
| 33     | indeno[123-cd]pyrene   |  |  |          | 0.21 mg/kg        |              | 0.174 mg/kg    | 0.0000174 %          | ✓          |                |
|        |  | 205-893-2  | 193-39-5   |          |                   |              |                |                      |            |                |
| 34     | dibenz[a,h]anthracene  |  |  |          | 0.14 mg/kg        |              | 0.116 mg/kg    | 0.0000116 %          | ✓          |                |
|        | 601-041-00-2   | 200-181-8  | 53-70-3  |          |                   |              |                |                      |            |                |
| 35     | benzo[ghi]perylene   |  |  |          | 0.31 mg/kg        |              | 0.257 mg/kg    | 0.0000257 %          | ✓          |                |
|        |  | 205-883-8  | 191-24-2   |          |                   |              |                |                      |            |                |
| 36     | phenol   |  |  |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
|        | 604-001-00-2   | 203-632-7  | 108-95-2   |          |                   |              |                |                      |            |                |
| 37     | polychlorobiphenyls; PCB   |  |  |          | <0.042 mg/kg      |              | <0.042 mg/kg   | <0.0000042 %         |            | <LOD           |
|        | 602-039-00-4   | 215-648-1  | 1336-36-3  |          |                   |              |                |                      |            |                |
| 38     | vanadium { divanadium pentaoxide; vanadium pentoxide }   |  |  |          | 32 mg/kg          | 1.785        | 47.357 mg/kg   | 0.00474 %            | ✓          |                |
|        | 023-001-00-8   | 215-239-8  | 1314-62-1  |          |                   |              |                |                      |            |                |
| 39     | coronene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        |  | 205-881-7  | 191-07-1   |          |                   |              |                |                      |            |                |
| Total: |  |  |  |          |                   |              |                | 0.0798 %             |            |                |

## Key

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|   |   |
|---|---|
|   | 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   |

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**Supplementary Hazardous Property Information**

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

**Force this Hazardous property to non hazardous because** Hazard Property HP 3(i) Flammable on account of TPH. 'Flammable liquid waste' defined as 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). The flammability risk of the materials can only be confirmed by means of flash point testing, which was not undertaken as part of the ground investigation. However, the hazardous property HP3(i) relates to liquid waste and the materials sampled were solid. In order to assess the Hazard HP3, the 'decision tree' presented in the WM3 guidance for 'Waste soil' in relation to Hazard HP 3 was followed. The assessment process indicated that the Hazard Property HP 3(i) in the samples listed above can be discounted. The samples are therefore not considered to be 'truly hazardous' by virtue of HP 3(i) and a non-hazardous class is considered most appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00322%)

Classification of sample: TP105-4-ES-0.20-02/05/2023

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

**Sample details**

|                                   |           |   |
|-----------------------------------|-----------|---|
| Sample name:                      | LoW Code: |   |
| <b>TP105-4-ES-0.20-02/05/2023</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>5.2%</b>                       |           |   |
| (wet weight correction)           |           |   |

**Hazard properties**

None identified


**Determinands**

Moisture content: 5.2% Wet Weight Moisture Correction applied (MC)

| #  | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 1  | antimony { antimony trioxide }   |                                |                                |          | 0.3 mg/kg         | 1.197        | 0.34 mg/kg     | 0.000034 %           | ✓          |                |
|    | 051-005-00-X   | 215-175-0                      | 1309-64-4                      |          |                   |              |                |                      |            |                |
| 2  | arsenic { arsenic trioxide }   |                                |                                |          | 22.7 mg/kg        | 1.32         | 28.413 mg/kg   | 0.00284 %            | ✓          |                |
|    | 033-003-00-0   | 215-481-4                      | 1327-53-3                      |          |                   |              |                |                      |            |                |
| 3  | beryllium { beryllium oxide }  |                                |                                |          | 0.2 mg/kg         | 2.775        | 0.526 mg/kg    | 0.0000526 %          | ✓          |                |
|    | 004-003-00-8   | 215-133-1                      | 1304-56-9                      |          |                   |              |                |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }  |                                |                                |          | 1.3 mg/kg         | 3.22         | 3.968 mg/kg    | 0.000397 %           | ✓          |                |
|    | 005-008-00-8   | 215-125-8                      | 1303-86-2                      |          |                   |              |                |                      |            |                |
| 5  | cadmium { cadmium oxide }  |                                |                                |          | 0.9 mg/kg         | 1.142        | 0.975 mg/kg    | 0.0000975 %          | ✓          |                |
|    | 048-002-00-0   | 215-146-2                      | 1306-19-0                      |          |                   |              |                |                      |            |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }   |                                |                                |          | 10.3 mg/kg        | 1.462        | 14.271 mg/kg   | 0.00143 %            | ✓          |                |
|    |  | 215-160-9                      | 1308-38-9                      |          |                   |              |                |                      |            |                |
| 7  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                |          | <0.1 mg/kg        | 2.27         | <0.227 mg/kg   | <0.0000227 %         |            | <LOD           |
|    |  |                                |                                |          |                   |              |                |                      |            |                |
| 8  | copper { dicopper oxide; copper (I) oxide }  |                                |                                |          | 11.2 mg/kg        | 1.126        | 11.954 mg/kg   | 0.0012 %             | ✓          |                |
|    | 029-002-00-X   | 215-270-7                      | 1317-39-1                      |          |                   |              |                |                      |            |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }   |                                |                                | 1        | 30.3 mg/kg        |              | 28.724 mg/kg   | 0.00287 %            | ✓          |                |
|    |  |                                |                                |          |                   |              |                |                      |            |                |
| 10 | mercury { mercury dichloride }   |                                |                                |          | <0.5 mg/kg        | 1.353        | <0.677 mg/kg   | <0.0000677 %         |            | <LOD           |
|    | 080-010-00-X   | 231-299-8                      | 7487-94-7                      |          |                   |              |                |                      |            |                |
| 11 | nickel { nickel sulfate }  |                                |                                |          | 15.2 mg/kg        | 2.637        | 37.994 mg/kg   | 0.0038 %             | ✓          |                |
|    | 028-009-00-5   | 232-104-9                      | 7786-81-4                      |          |                   |              |                |                      |            |                |
| 12 | selenium { nickel selenate }   |                                |                                |          | <0.5 mg/kg        | 2.554        | <1.277 mg/kg   | <0.000128 %          |            | <LOD           |
|    | 028-031-00-5   | 239-125-2                      | 15060-62-5                     |          |                   |              |                |                      |            |                |
| 13 | zinc { zinc sulphate }   |                                |                                |          | 95.5 mg/kg        | 2.469        | 223.555 mg/kg  | 0.0224 %             | ✓          |                |
|    | 030-006-00-9   | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |              |                |                      |            |                |
| 14 | TPH (C6 to C40) petroleum group  |                                |                                |          | 43 mg/kg          |              | 40.764 mg/kg   | 0.00408 %            | ✓          |                |
|    |  |                                | TPH                            |          |                   |              |                |                      |            |                |

| #      | 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   |          |                   |              |                |                      |            |                |
| 15     | benzene  |  |  |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
|        | 601-020-00-8   | 200-753-7  | 71-43-2  |          |                   |              |                |                      |            |                |
| 16     | toluene  |  |  |          | <0.005 mg/kg      |              | <0.005 mg/kg   | <0.000005 %          |            | <LOD           |
|        | 601-021-00-3   | 203-625-9  | 108-88-3   |          |                   |              |                |                      |            |                |
| 17     | ethylbenzene   |  |  |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.000002 %          |            | <LOD           |
|        | 601-023-00-4   | 202-849-4  | 100-41-4   |          |                   |              |                |                      |            |                |
| 18     | xylene   |  |  |          | <0.038 mg/kg      |              | <0.038 mg/kg   | <0.000038 %          |            | <LOD           |
|        | 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] |          |                   |              |                |                      |            |                |
| 19     | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } |  |  |          | <0.5 mg/kg        | 1.884        | <0.942 mg/kg   | <0.0000942 %         |            | <LOD           |
|        | 006-007-00-5   |  |  |          |                   |              |                |                      |            |                |
| 20     | pH   |  | PH   |          | 8.3 pH            |              | 8.3 pH         | 8.3 pH               |            |                |
| 21     | naphthalene  |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        | 601-052-00-2   | 202-049-5  | 91-20-3  |          |                   |              |                |                      |            |                |
| 22     | acenaphthylene   |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        |  | 205-917-1  | 208-96-8   |          |                   |              |                |                      |            |                |
| 23     | acenaphthene   |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        |  | 201-469-6  | 83-32-9  |          |                   |              |                |                      |            |                |
| 24     | fluorene   |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        |  | 201-695-5  | 86-73-7  |          |                   |              |                |                      |            |                |
| 25     | phenanthrene   |  |  |          | 0.41 mg/kg        |              | 0.389 mg/kg    | 0.0000389 %          | ✓          |                |
|        |  | 201-581-5  | 85-01-8  |          |                   |              |                |                      |            |                |
| 26     | anthracene   |  |  |          | 0.15 mg/kg        |              | 0.142 mg/kg    | 0.0000142 %          | ✓          |                |
|        |  | 204-371-1  | 120-12-7   |          |                   |              |                |                      |            |                |
| 27     | fluoranthene   |  |  |          | 1.29 mg/kg        |              | 1.223 mg/kg    | 0.000122 %           | ✓          |                |
|        |  | 205-912-4  | 206-44-0   |          |                   |              |                |                      |            |                |
| 28     | pyrene   |  |  |          | 1.24 mg/kg        |              | 1.176 mg/kg    | 0.000118 %           | ✓          |                |
|        |  | 204-927-3  | 129-00-0   |          |                   |              |                |                      |            |                |
| 29     | benzo[a]anthracene   |  |  |          | 0.26 mg/kg        |              | 0.246 mg/kg    | 0.0000246 %          | ✓          |                |
|        | 601-033-00-9   | 200-280-6  | 56-55-3  |          |                   |              |                |                      |            |                |
| 30     | chrysene   |  |  |          | 0.51 mg/kg        |              | 0.483 mg/kg    | 0.0000483 %          | ✓          |                |
|        | 601-048-00-0   | 205-923-4  | 218-01-9   |          |                   |              |                |                      |            |                |
| 31     | benzo[b]fluoranthene   |  |  |          | 0.55 mg/kg        |              | 0.521 mg/kg    | 0.0000521 %          | ✓          |                |
|        | 601-034-00-4   | 205-911-9  | 205-99-2   |          |                   |              |                |                      |            |                |
| 32     | benzo[k]fluoranthene   |  |  |          | 0.36 mg/kg        |              | 0.341 mg/kg    | 0.0000341 %          | ✓          |                |
|        | 601-036-00-5   | 205-916-6  | 207-08-9   |          |                   |              |                |                      |            |                |
| 33     | benzo[a]pyrene; benzo[def]chrysene   |  |  |          | 0.5 mg/kg         |              | 0.474 mg/kg    | 0.0000474 %          | ✓          |                |
|        | 601-032-00-3   | 200-028-5  | 50-32-8  |          |                   |              |                |                      |            |                |
| 34     | indeno[123-cd]pyrene   |  |  |          | 0.29 mg/kg        |              | 0.275 mg/kg    | 0.0000275 %          | ✓          |                |
|        |  | 205-893-2  | 193-39-5   |          |                   |              |                |                      |            |                |
| 35     | dibenz[a,h]anthracene  |  |  |          | 0.14 mg/kg        |              | 0.133 mg/kg    | 0.0000133 %          | ✓          |                |
|        | 601-041-00-2   | 200-181-8  | 53-70-3  |          |                   |              |                |                      |            |                |
| 36     | benzo[ghi]perylene   |  |  |          | 0.41 mg/kg        |              | 0.389 mg/kg    | 0.0000389 %          | ✓          |                |
|        |  | 205-883-8  | 191-24-2   |          |                   |              |                |                      |            |                |
| 37     | phenol   |  |  |          | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
|        | 604-001-00-2   | 203-632-7  | 108-95-2   |          |                   |              |                |                      |            |                |
| 38     | vanadium { divanadium pentaoxide; vanadium pentoxide }   |  |  |          | 22.3 mg/kg        | 1.785        | 37.74 mg/kg    | 0.00377 %            | ✓          |                |
|        | 023-001-00-8   | 215-239-8  | 1314-62-1  |          |                   |              |                |                      |            |                |
| Total: |  |  |  |          |                   |              |                | 0.0439 %             |            |                |

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 |
| <b>&lt;LOD</b>  | 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 because** Hazard Property HP 3(i) Flammable on account of TPH. 'Flammable liquid waste' defined as 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). The flammability risk of the materials can only be confirmed by means of flash point testing, which was not undertaken as part of the ground investigation. However, the hazardous property HP3(i) relates to liquid waste and the materials sampled were solid. In order to assess the Hazard HP3, the 'decision tree' presented in the WM3 guidance for 'Waste soil' in relation to Hazard HP 3 was followed. The assessment process indicated that the Hazard Property HP 3(i) in the samples listed above can be discounted. The samples are therefore not considered to be 'truly hazardous' by virtue of HP 3(i) and a non-hazardous class is considered most appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00408%)

Classification of sample: TP101-6-ES-1.00-05/05/2023

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

**Sample details**

|                                   |  |
|-----------------------------------|--|
| Sample name:                      | LoW Code:  |
| <b>TP101-6-ES-1.00-05/05/2023</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>1.00 m</b>                     |  |
| Moisture content:                 |  |
| <b>13%</b>                        |  |
| (wet weight correction)           |  |

**Hazard properties**

None identified

**Determinands**

Moisture content: 13% Wet Weight Moisture Correction applied (MC)

| #  | Determinand   |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|---|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number   | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 1  | antimony { antimony trioxide }  |                                |                                |          | 2.7 mg/kg         | 1.197        | 2.812 mg/kg    | 0.000281 %           | ✓          |                |
|    | 051-005-00-X  | 215-175-0                      | 1309-64-4                      |          |                   |              |                |                      |            |                |
| 2  | arsenic { arsenic trioxide }  |                                |                                |          | 16.2 mg/kg        | 1.32         | 18.609 mg/kg   | 0.00186 %            | ✓          |                |
|    | 033-003-00-0  | 215-481-4                      | 1327-53-3                      |          |                   |              |                |                      |            |                |
| 3  | beryllium { beryllium oxide }   |                                |                                |          | 0.17 mg/kg        | 2.775        | 0.41 mg/kg     | 0.000041 %           | ✓          |                |
|    | 004-003-00-8  | 215-133-1                      | 1304-56-9                      |          |                   |              |                |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }   |                                |                                |          | 1 mg/kg           | 3.22         | 2.801 mg/kg    | 0.00028 %            | ✓          |                |
|    | 005-008-00-8  | 215-125-8                      | 1303-86-2                      |          |                   |              |                |                      |            |                |
| 5  | cadmium { cadmium oxide }   |                                |                                |          | 2.4 mg/kg         | 1.142        | 2.385 mg/kg    | 0.000239 %           | ✓          |                |
|    | 048-002-00-0  | 215-146-2                      | 1306-19-0                      |          |                   |              |                |                      |            |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }  |                                |                                |          | 23 mg/kg          | 1.462        | 29.246 mg/kg   | 0.00292 %            | ✓          |                |
|    |   | 215-160-9                      | 1308-38-9                      |          |                   |              |                |                      |            |                |
| 7  | chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                |          | <0.1 mg/kg        | 2.27         | <0.227 mg/kg   | <0.0000227 %         |            | <LOD           |
|    | 024-017-00-8  |                                |                                |          |                   |              |                |                      |            |                |
| 8  | copper { dicopper oxide; copper (I) oxide }   |                                |                                |          | 41.3 mg/kg        | 1.126        | 40.454 mg/kg   | 0.00405 %            | ✓          |                |
|    | 029-002-00-X  | 215-270-7                      | 1317-39-1                      |          |                   |              |                |                      |            |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }  |                                |                                | 1        | 153.2 mg/kg       |              | 133.284 mg/kg  | 0.0133 %             | ✓          |                |
|    | 082-001-00-6  |                                |                                |          |                   |              |                |                      |            |                |
| 10 | mercury { mercury dichloride }  |                                |                                |          | 29.9 mg/kg        | 1.353        | 35.208 mg/kg   | 0.00352 %            | ✓          |                |
|    | 080-010-00-X  | 231-299-8                      | 7487-94-7                      |          |                   |              |                |                      |            |                |
| 11 | nickel { nickel sulfate }   |                                |                                |          | 32.1 mg/kg        | 2.637        | 73.635 mg/kg   | 0.00736 %            | ✓          |                |
|    | 028-009-00-5  | 232-104-9                      | 7786-81-4                      |          |                   |              |                |                      |            |                |
| 12 | selenium { nickel selenate }  |                                |                                |          | <0.5 mg/kg        | 2.554        | <1.277 mg/kg   | <0.000128 %          |            | <LOD           |
|    | 028-031-00-5  | 239-125-2                      | 15060-62-5                     |          |                   |              |                |                      |            |                |
| 13 | zinc { zinc sulphate }  |                                |                                |          | 431.8 mg/kg       | 2.469        | 927.631 mg/kg  | 0.0928 %             | ✓          |                |
|    | 030-006-00-9  | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |              |                |                      |            |                |
| 14 | TPH (C6 to C40) petroleum group   |                                |                                |          | 104 mg/kg         |              | 90.48 mg/kg    | 0.00905 %            | ✓          |                |
|    |   |                                | TPH                            |          |                   |              |                |                      |            |                |

| #  | 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 |          |                   |              |                |                      |            |                |
| 15 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane<br>603-181-00-X 216-653-1 1634-04-4   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 16 | benzene<br>601-020-00-8 200-753-7 71-43-2  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 17 | toluene<br>601-021-00-3 203-625-9 108-88-3   |           |            |          | <0.006 mg/kg      |              | <0.006 mg/kg   | <0.0000006 %         |            | <LOD           |
| 18 | ethylbenzene<br>601-023-00-4 202-849-4 100-41-4  |           |            |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 19 | xylene<br>601-022-00-9 202-422-2 [1] 95-47-6 [1]<br>203-396-5 [2] 106-42-3 [2]<br>203-576-3 [3] 108-38-3 [3]<br>215-535-7 [4] 1330-20-7 [4]  |           |            |          | <0.04 mg/kg       |              | <0.04 mg/kg    | <0.000004 %          |            | <LOD           |
| 20 | 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 }<br>006-007-00-5 |           |            |          | <0.6 mg/kg        | 1.884        | <1.13 mg/kg    | <0.000113 %          |            | <LOD           |
| 21 | pH<br>PH   |           |            |          | 8.8 pH            |              | 8.8 pH         | 8.8 pH               |            |                |
| 22 | naphthalene<br>601-052-00-2 202-049-5 91-20-3  |           |            |          | <0.006 mg/kg      |              | <0.006 mg/kg   | <0.0000006 %         |            | <LOD           |
| 23 | acenaphthylene<br>205-917-1 208-96-8   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 24 | acenaphthene<br>201-469-6 83-32-9  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 25 | fluorene<br>201-695-5 86-73-7  |           |            |          | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 26 | phenanthrene<br>201-581-5 85-01-8  |           |            |          | 0.3 mg/kg         |              | 0.261 mg/kg    | 0.0000261 %          | ✓          |                |
| 27 | anthracene<br>204-371-1 120-12-7   |           |            |          | 0.1 mg/kg         |              | 0.087 mg/kg    | 0.0000087 %          | ✓          |                |
| 28 | fluoranthene<br>205-912-4 206-44-0   |           |            |          | 0.8 mg/kg         |              | 0.696 mg/kg    | 0.0000696 %          | ✓          |                |
| 29 | pyrene<br>204-927-3 129-00-0   |           |            |          | 0.7 mg/kg         |              | 0.609 mg/kg    | 0.0000609 %          | ✓          |                |
| 30 | benzo[a]anthracene<br>601-033-00-9 200-280-6 56-55-3   |           |            |          | 0.5 mg/kg         |              | 0.435 mg/kg    | 0.0000435 %          | ✓          |                |
| 31 | chrysene<br>601-048-00-0 205-923-4 218-01-9  |           |            |          | 0.6 mg/kg         |              | 0.522 mg/kg    | 0.0000522 %          | ✓          |                |
| 32 | benzo[b]fluoranthene<br>601-034-00-4 205-911-9 205-99-2  |           |            |          | 0.9 mg/kg         |              | 0.783 mg/kg    | 0.0000783 %          | ✓          |                |
| 33 | benzo[k]fluoranthene<br>601-036-00-5 205-916-6 207-08-9  |           |            |          | 0.3 mg/kg         |              | 0.261 mg/kg    | 0.0000261 %          | ✓          |                |
| 34 | benzo[a]pyrene; benzo[def]chrysene<br>601-032-00-3 200-028-5 50-32-8   |           |            |          | 0.7 mg/kg         |              | 0.609 mg/kg    | 0.0000609 %          | ✓          |                |
| 35 | indeno[123-cd]pyrene<br>205-893-2 193-39-5   |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 36 | dibenz[a,h]anthracene<br>601-041-00-2 200-181-8 53-70-3  |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 37 | benzo[ghi]perylene<br>205-883-8 191-24-2   |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 38 | phenol<br>604-001-00-2 203-632-7 108-95-2  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 39 | 1,1-dichloroethane and 1,2-dichloroethane (combined)<br>203-458-1, 200-863-5 107-06-2, 75-34-3   |           |            |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 40 | tetrachloroethylene<br>602-028-00-4 204-825-9 127-18-4   |           |            |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |

| #  | 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 |          |                   |              |                |                      |            |                |
| 41 | carbon tetrachloride; tetrachloromethane<br>602-008-00-5   200-262-8   56-23-5   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 42 | trichloroethylene; trichloroethene<br>602-027-00-9   201-167-4   79-01-6   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 43 | vinyl chloride; chloroethylene<br>602-023-00-7   200-831-0   75-01-4   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 44 | hexachlorobenzene<br>602-065-00-6   204-273-9   118-74-1   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 45 | polychlorobiphenyls; PCB<br>602-039-00-4   215-648-1   1336-36-3   |           |            |          | 0.0159 mg/kg      |              | 0.0138 mg/kg   | 0.00000138 %         | ✓          |                |
| 46 | vanadium { divanadium pentaoxide; vanadium pentoxide }<br>023-001-00-8   215-239-8   1314-62-1   |           |            |          | 33.1 mg/kg        | 1.785        | 51.408 mg/kg   | 0.00514 %            | ✓          |                |
| 47 | coronene<br>205-881-7   191-07-1   |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 48 | bis(2-chloroethyl) ether<br>603-029-00-2   203-870-1   111-44-4  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 49 | benzyl alcohol<br>603-057-00-5   202-859-9   100-51-6  |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 50 | hexachloroethane<br>200-666-4   67-72-1  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 51 | nitrosodipropylamine<br>612-098-00-8   210-698-0   621-64-7  |           |            |          | <1 mg/kg          |              | <1 mg/kg       | <0.0001 %            |            | <LOD           |
| 52 | nitrobenzene<br>609-003-00-7   202-716-0   98-95-3   |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 53 | 3,5,5-trimethylcyclohex-2-enone; isophorone<br>606-012-00-8   201-126-0   78-59-1  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 54 | 2-nitrophenol<br>201-857-5   88-75-5   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 55 | 3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]<br>604-006-00-X   202-439-5 [1]   95-65-8 [1]   202-461-5 [2]   95-87-4 [2]   203-321-6 [3]   105-67-9 [3]   208-395-3 [4]   526-75-0 [4]   209-400-1 [5]   576-26-1 [5]   215-089-3 [6]   1300-71-6 [6]   276-245-4 [7]   71975-58-1 [7] |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 56 | benzoic acid<br>607-705-00-8   200-618-2   65-85-0   |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 57 | bis(2-chloroethoxy)methane<br>203-920-2   111-91-1   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 58 | 2,4-dichlorophenol<br>604-011-00-7   204-429-6   120-83-2  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 59 | 4-chloroaniline<br>612-137-00-9   203-401-0   106-47-8   |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 60 | chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol<br>604-014-00-3   200-431-6   59-50-7   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 61 | 2-methyl naphthalene<br>202-078-3   91-57-6  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 62 | hexachlorocyclopentadiene<br>602-078-00-7   201-029-3   77-47-4  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 63 | 2,4,6-trichlorophenol<br>604-018-00-5   201-795-9   88-06-2  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 64 | 2,4,5-trichlorophenol<br>604-017-00-X   202-467-8   95-95-4  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 65 | 2-chloronaphthalene<br>202-079-9   91-58-7   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |







| #  | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 66 | biphenyl; diphenyl   |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    | 601-042-00-8   | 202-163-5                      | 92-52-4                        |          |                   |              |                |                      |            |                |
| 67 | dimethyl phthalate   |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 205-011-6                      | 131-11-3                       |          |                   |              |                |                      |            |                |
| 68 | 2,6-dinitrotoluene   |                                |                                |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
|    | 609-049-00-8   | 210-106-0                      | 606-20-2                       |          |                   |              |                |                      |            |                |
| 69 | 2,4-dinitrophenol  |                                |                                |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
|    | 609-041-00-4   | 200-087-7                      | 51-28-5                        |          |                   |              |                |                      |            |                |
| 70 | dibenzofuran   |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 205-071-3                      | 132-64-9                       |          |                   |              |                |                      |            |                |
| 71 | 4-nitrophenol; p-nitrophenol                                   |                                |                                |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
|    | 609-015-00-2   | 202-811-7                      | 100-02-7                       |          |                   |              |                |                      |            |                |
| 72 | 2,4-dinitrotoluene; [1] dinitrotoluene [2]                     |                                |                                |          | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
|    | 609-007-00-9   | 204-450-0 [1]<br>246-836-1 [2] | 121-14-2 [1]<br>25321-14-6 [2] |          |                   |              |                |                      |            |                |
| 73 | diethyl phthalate  |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 201-550-6                      | 84-66-2                        |          |                   |              |                |                      |            |                |
| 74 | 4-chlorophenylphenylether                                      |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 230-281-7                      | 7005-72-3                      |          |                   |              |                |                      |            |                |
| 75 | DNOC (ISO); 4,6-dinitro-o-cresol                               |                                |                                |          | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
|    | 609-020-00-X   | 208-601-1                      | 534-52-1                       |          |                   |              |                |                      |            |                |
| 76 | azobenzene   |                                |                                |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    | 611-001-00-6   | 203-102-5                      | 103-33-3                       |          |                   |              |                |                      |            |                |
| 77 | 4-bromophenylphenylether                                       |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 202-952-4                      | 101-55-3                       |          |                   |              |                |                      |            |                |
| 78 | pentachlorophenol  |                                |                                |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
|    | 604-002-00-8   | 201-778-6                      | 87-86-5                        |          |                   |              |                |                      |            |                |
| 79 | carbazole  |                                |                                |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    |  | 201-696-0                      | 86-74-8                        |          |                   |              |                |                      |            |                |
| 80 | dibutyl phthalate; DBP   |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    | 607-318-00-4   | 201-557-4                      | 84-74-2                        |          |                   |              |                |                      |            |                |
| 81 | BBP; benzyl butyl phthalate                                    |                                |                                |          | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
|    | 607-430-00-3   | 201-622-7                      | 85-68-7                        |          |                   |              |                |                      |            |                |
| 82 | bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP |                                |                                |          | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
|    | 607-317-00-9   | 204-211-0                      | 117-81-7                       |          |                   |              |                |                      |            |                |
| 83 | di-n-octyl phthalate   |                                |                                |          | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
|    |  | 204-214-7                      | 117-84-0                       |          |                   |              |                |                      |            |                |
| 84 | dichlorodifluoromethane  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    |  | 200-893-9                      | 75-71-8                        |          |                   |              |                |                      |            |                |
| 85 | chloromethane; methyl chloride                                 |                                |                                |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
|    | 602-001-00-7   | 200-817-4                      | 74-87-3                        |          |                   |              |                |                      |            |                |
| 86 | bromomethane; methylbromide                                    |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    | 602-002-00-2   | 200-813-2                      | 74-83-9                        |          |                   |              |                |                      |            |                |
| 87 | chloroethane   |                                |                                |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
|    | 602-009-00-0   | 200-830-5                      | 75-00-3                        |          |                   |              |                |                      |            |                |
| 88 | trichlorofluoromethane   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    |  | 200-892-3                      | 75-69-4                        |          |                   |              |                |                      |            |                |
| 89 | 1,1-dichloroethylene; vinylidene chloride                      |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    | 602-025-00-8   | 200-864-0                      | 75-35-4                        |          |                   |              |                |                      |            |                |
| 90 | 2,2-dichloropropane  |                                |                                |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
|    |  | 209-832-0                      | 594-20-7                       |          |                   |              |                |                      |            |                |
| 91 | bromochloromethane   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    |  | 200-826-3                      | 74-97-5                        |          |                   |              |                |                      |            |                |
| 92 | chloroform; trichloromethane                                   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    | 602-006-00-4   | 200-663-8                      | 67-66-3                        |          |                   |              |                |                      |            |                |
| 93 | 1,1,1-trichloroethane; methyl chloroform                       |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    | 602-013-00-2   | 200-756-3                      | 71-55-6                        |          |                   |              |                |                      |            |                |
| 94 | 1,1-dichloropropene  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    | 602-031-00-0   | 209-253-3                      | 563-58-6                       |          |                   |              |                |                      |            |                |

| #   | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|-----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|     | EU CLP index number                                  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 95  | 1,2-dichloropropane; propylene dichloride            |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-020-00-0   | 201-152-2                      | 78-87-5                        |          |                   |              |                |                      |            |                |
| 96  | dibromomethane                                       |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-003-00-8   | 200-824-2                      | 74-95-3                        |          |                   |              |                |                      |            |                |
| 97  | bromodichloromethane                                 |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 200-856-7                      | 75-27-4                        |          |                   |              |                |                      |            |                |
| 98  | 1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-030-00-5   | 208-826-5 [1]<br>233-195-8 [2] | 542-75-6 [1]<br>10061-01-5 [2] |          |                   |              |                |                      |            |                |
| 99  | trans-1,3-dichloropropene                            |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 431-460-4                      | 10061-02-6                     |          |                   |              |                |                      |            |                |
| 100 | 1,1,2-trichloroethane                                |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-014-00-8   | 201-166-9                      | 79-00-5                        |          |                   |              |                |                      |            |                |
| 101 | 1,3-dichloropropane                                  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 205-531-3                      | 142-28-9                       |          |                   |              |                |                      |            |                |
| 102 | dibromochloromethane                                 |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 204-704-0                      | 124-48-1                       |          |                   |              |                |                      |            |                |
| 103 | 1,2-dibromoethane                                    |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-010-00-6   | 203-444-5                      | 106-93-4                       |          |                   |              |                |                      |            |                |
| 104 | chlorobenzene  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-033-00-1   | 203-628-5                      | 108-90-7                       |          |                   |              |                |                      |            |                |
| 105 | 1,1,1,2-tetrachloroethane                            |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 211-135-1                      | 630-20-6                       |          |                   |              |                |                      |            |                |
| 106 | styrene  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 601-026-00-0   | 202-851-5                      | 100-42-5                       |          |                   |              |                |                      |            |                |
| 107 | bromoform; tribromomethane                           |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-007-00-X   | 200-854-6                      | 75-25-2                        |          |                   |              |                |                      |            |                |
| 108 | 1,1,1,2-tetrachloroethane                            |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-015-00-3   | 201-197-8                      | 79-34-5                        |          |                   |              |                |                      |            |                |
| 109 | bromobenzene   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-060-00-9   | 203-623-8                      | 108-86-1                       |          |                   |              |                |                      |            |                |
| 110 | 1,2,3-trichloropropane                               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-062-00-X   | 202-486-1                      | 96-18-4                        |          |                   |              |                |                      |            |                |
| 111 | mesitylene; 1,3,5-trimethylbenzene                   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 601-025-00-5   | 203-604-4                      | 108-67-8                       |          |                   |              |                |                      |            |                |
| 112 | tert-butylbenzene                                    |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 202-632-4                      | 98-06-6                        |          |                   |              |                |                      |            |                |
| 113 | 1,2,4-trimethylbenzene                               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 601-043-00-3   | 202-436-9                      | 95-63-6                        |          |                   |              |                |                      |            |                |
| 114 | sec-butylbenzene                                     |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 205-227-0                      | 135-98-8                       |          |                   |              |                |                      |            |                |
| 115 | 4-isopropyltoluene                                   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 202-796-7                      | 99-87-6                        |          |                   |              |                |                      |            |                |
| 116 | 1,3-dichlorobenzene                                  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-067-00-7   | 208-792-1                      | 541-73-1                       |          |                   |              |                |                      |            |                |
| 117 | 1,4-dichlorobenzene; p-dichlorobenzene               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-035-00-2   | 203-400-5                      | 106-46-7                       |          |                   |              |                |                      |            |                |
| 118 | n-butylbenzene                                       |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 203-209-7                      | 104-51-8                       |          |                   |              |                |                      |            |                |
| 119 | 1,2-dichlorobenzene; o-dichlorobenzene               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-034-00-7   | 202-425-9                      | 95-50-1                        |          |                   |              |                |                      |            |                |
| 120 | 1,2-dibromo-3-chloropropane                          |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-021-00-6   | 202-479-3                      | 96-12-8                        |          |                   |              |                |                      |            |                |
| 121 | 1,2,4-trichlorobenzene                               |                                |                                |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
|     | 602-087-00-6   | 204-428-0                      | 120-82-1                       |          |                   |              |                |                      |            |                |
| 122 | hexachlorobutadiene                                  |                                |                                |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
|     |  | 201-765-5                      | 87-68-3                        |          |                   |              |                |                      |            |                |
| 123 | 1,2,3-trichlorobenzene                               |                                |                                |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
|     |  | 201-757-1                      | 87-61-6                        |          |                   |              |                |                      |            |                |

| #      | Determinand  |               |                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|---------------|----------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number  | EC Number     | CAS Number     |          |                   |              |                |                      |            |                |
| 124    | 2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]     |               |                |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
|        | 604-008-00-0   | 202-433-2 [1] | 95-57-8 [1]    |          |                   |              |                |                      |            |                |
|        |  | 203-402-6 [2] | 106-48-9 [2]   |          |                   |              |                |                      |            |                |
|        |  | 203-582-6 [3] | 108-43-0 [3]   |          |                   |              |                |                      |            |                |
|        |  | 246-691-4 [4] | 25167-80-0 [4] |          |                   |              |                |                      |            |                |
| 125    | 1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]   |               |                |          | <0.007 mg/kg      |              | <0.007 mg/kg   | <0.0000007 %         |            | <LOD           |
|        | 602-026-00-3   | 208-750-2 [1] | 540-59-0 [1]   |          |                   |              |                |                      |            |                |
|        |  | 205-859-7 [2] | 156-59-2 [2]   |          |                   |              |                |                      |            |                |
|        |  | 205-860-2 [3] | 156-60-5 [3]   |          |                   |              |                |                      |            |                |
| 126    | cumene; [1] propylbenzene [2]  |               |                |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
|        | 601-024-00-X   | 202-704-5 [1] | 98-82-8 [1]    |          |                   |              |                |                      |            |                |
|        |  | 203-132-9 [2] | 103-65-1 [2]   |          |                   |              |                |                      |            |                |
| 127    | 2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] |               |                |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
|        | 602-040-00-X   | 202-424-3 [1] | 95-49-8 [1]    |          |                   |              |                |                      |            |                |
|        |  | 203-580-5 [2] | 108-41-8 [2]   |          |                   |              |                |                      |            |                |
|        |  | 203-397-0 [3] | 106-43-4 [3]   |          |                   |              |                |                      |            |                |
|        |  | 246-698-2 [4] | 25168-05-2 [4] |          |                   |              |                |                      |            |                |
| Total: |  |               |                |          |                   |              |                | 0.143 %              |            |                |

#### 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 |
| <b>&lt;LOD</b>  | 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 because** Hazard Property HP 3(i) Flammable on account of TPH. 'Flammable liquid waste' defined as 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). The flammability risk of the materials can only be confirmed by means of flash point testing, which was not undertaken as part of the ground investigation. However, the hazardous property HP3(i) relates to liquid waste and the materials sampled were solid. In order to assess the Hazard HP3, the 'decision tree' presented in the WM3 guidance for 'Waste soil' in relation to Hazard HP 3 was followed. The assessment process indicated that the Hazard Property HP 3(i) in the samples listed above can be discounted. The samples are therefore not considered to be 'truly hazardous' by virtue of HP 3(i) and a non-hazardous class is considered most appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00905%)

Classification of sample: BH102-3-ES-0.20-05/05/2023

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

**Sample details**

|                                   |  |
|-----------------------------------|--|
| Sample name:                      | LoW Code:  |
| <b>BH102-3-ES-0.20-05/05/2023</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>4.3%</b>                       |  |
| (wet weight correction)           |  |

**Hazard properties**

None identified


**Determinands**

Moisture content: 4.3% Wet Weight Moisture Correction applied (MC)

| #  | Determinand   |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|---|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number   | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 1  | antimony { antimony trioxide }  |                                |                                |          | 0.3 mg/kg         | 1.197        | 0.344 mg/kg    | 0.0000344 %          | ✓          |                |
|    | 051-005-00-X  | 215-175-0                      | 1309-64-4                      |          |                   |              |                |                      |            |                |
| 2  | arsenic { arsenic trioxide }  |                                |                                |          | 16.9 mg/kg        | 1.32         | 21.354 mg/kg   | 0.00214 %            | ✓          |                |
|    | 033-003-00-0  | 215-481-4                      | 1327-53-3                      |          |                   |              |                |                      |            |                |
| 3  | beryllium { beryllium oxide }   |                                |                                |          | 0.16 mg/kg        | 2.775        | 0.425 mg/kg    | 0.0000425 %          | ✓          |                |
|    | 004-003-00-8  | 215-133-1                      | 1304-56-9                      |          |                   |              |                |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }   |                                |                                |          | 1.1 mg/kg         | 3.22         | 3.39 mg/kg     | 0.000339 %           | ✓          |                |
|    | 005-008-00-8  | 215-125-8                      | 1303-86-2                      |          |                   |              |                |                      |            |                |
| 5  | cadmium { cadmium oxide }   |                                |                                |          | 1 mg/kg           | 1.142        | 1.093 mg/kg    | 0.000109 %           | ✓          |                |
|    | 048-002-00-0  | 215-146-2                      | 1306-19-0                      |          |                   |              |                |                      |            |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }  |                                |                                |          | 7.3 mg/kg         | 1.462        | 10.211 mg/kg   | 0.00102 %            | ✓          |                |
|    |   | 215-160-9                      | 1308-38-9                      |          |                   |              |                |                      |            |                |
| 7  | chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                |          | <0.2 mg/kg        | 2.27         | <0.454 mg/kg   | <0.0000454 %         |            | <LOD           |
|    |   |                                |                                |          |                   |              |                |                      |            |                |
| 8  | copper { dicopper oxide; copper (I) oxide }   |                                |                                |          | 5.7 mg/kg         | 1.126        | 6.142 mg/kg    | 0.000614 %           | ✓          |                |
|    | 029-002-00-X  | 215-270-7                      | 1317-39-1                      |          |                   |              |                |                      |            |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }  |                                |                                | 1        | 21.9 mg/kg        |              | 20.958 mg/kg   | 0.0021 %             | ✓          |                |
|    | 082-001-00-6  |                                |                                |          |                   |              |                |                      |            |                |
| 10 | mercury { mercury dichloride }  |                                |                                |          | 0.6 mg/kg         | 1.353        | 0.777 mg/kg    | 0.0000777 %          | ✓          |                |
|    | 080-010-00-X  | 231-299-8                      | 7487-94-7                      |          |                   |              |                |                      |            |                |
| 11 | nickel { nickel sulfate }   |                                |                                |          | 10.7 mg/kg        | 2.637        | 26.999 mg/kg   | 0.0027 %             | ✓          |                |
|    | 028-009-00-5  | 232-104-9                      | 7786-81-4                      |          |                   |              |                |                      |            |                |
| 12 | selenium { nickel selenate }  |                                |                                |          | <0.5 mg/kg        | 2.554        | <1.277 mg/kg   | <0.000128 %          |            | <LOD           |
|    | 028-031-00-5  | 239-125-2                      | 15060-62-5                     |          |                   |              |                |                      |            |                |
| 13 | zinc { zinc sulphate }  |                                |                                |          | 86.4 mg/kg        | 2.469        | 204.173 mg/kg  | 0.0204 %             | ✓          |                |
|    | 030-006-00-9  | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |              |                |                      |            |                |
| 14 | TPH (C6 to C40) petroleum group   |                                |                                |          | 109 mg/kg         |              | 104.313 mg/kg  | 0.0104 %             | ✓          |                |
|    |   |                                | TPH                            |          |                   |              |                |                      |            |                |

| #      | 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   |          |                   |              |                |                      |            |                |
| 15     | benzene  |  |  |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|        | 601-020-00-8   | 200-753-7  | 71-43-2  |          |                   |              |                |                      |            |                |
| 16     | toluene  |  |  |          | <0.005 mg/kg      |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
|        | 601-021-00-3   | 203-625-9  | 108-88-3   |          |                   |              |                |                      |            |                |
| 17     | ethylbenzene   |  |  |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
|        | 601-023-00-4   | 202-849-4  | 100-41-4   |          |                   |              |                |                      |            |                |
| 18     | xylene   |  |  |          | <0.068 mg/kg      |              | <0.068 mg/kg   | <0.0000068 %         |            | <LOD           |
|        | 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] |          |                   |              |                |                      |            |                |
| 19     | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } |  |  |          | <0.5 mg/kg        | 1.884        | <0.942 mg/kg   | <0.0000942 %         |            | <LOD           |
|        | 006-007-00-5   |  |  |          |                   |              |                |                      |            |                |
| 20     | naphthalene  |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        | 601-052-00-2   | 202-049-5  | 91-20-3  |          |                   |              |                |                      |            |                |
| 21     | acenaphthylene   |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        |  | 205-917-1  | 208-96-8   |          |                   |              |                |                      |            |                |
| 22     | acenaphthene   |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        |  | 201-469-6  | 83-32-9  |          |                   |              |                |                      |            |                |
| 23     | fluorene   |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        |  | 201-695-5  | 86-73-7  |          |                   |              |                |                      |            |                |
| 24     | phenanthrene   |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        |  | 201-581-5  | 85-01-8  |          |                   |              |                |                      |            |                |
| 25     | anthracene   |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        |  | 204-371-1  | 120-12-7   |          |                   |              |                |                      |            |                |
| 26     | fluoranthene   |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        |  | 205-912-4  | 206-44-0   |          |                   |              |                |                      |            |                |
| 27     | pyrene   |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        |  | 204-927-3  | 129-00-0   |          |                   |              |                |                      |            |                |
| 28     | benzo[a]anthracene   |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        | 601-033-00-9   | 200-280-6  | 56-55-3  |          |                   |              |                |                      |            |                |
| 29     | chrysene   |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        | 601-048-00-0   | 205-923-4  | 218-01-9   |          |                   |              |                |                      |            |                |
| 30     | benzo[b]fluoranthene   |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        | 601-034-00-4   | 205-911-9  | 205-99-2   |          |                   |              |                |                      |            |                |
| 31     | benzo[k]fluoranthene   |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        | 601-036-00-5   | 205-916-6  | 207-08-9   |          |                   |              |                |                      |            |                |
| 32     | benzo[a]pyrene; benzo[def]chrysene   |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        | 601-032-00-3   | 200-028-5  | 50-32-8  |          |                   |              |                |                      |            |                |
| 33     | indeno[123-cd]pyrene   |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        |  | 205-893-2  | 193-39-5   |          |                   |              |                |                      |            |                |
| 34     | dibenz[a,h]anthracene  |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        | 601-041-00-2   | 200-181-8  | 53-70-3  |          |                   |              |                |                      |            |                |
| 35     | benzo[ghi]perylene   |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        |  | 205-883-8  | 191-24-2   |          |                   |              |                |                      |            |                |
| 36     | phenol   |  |  |          | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
|        | 604-001-00-2   | 203-632-7  | 108-95-2   |          |                   |              |                |                      |            |                |
| 37     | polychlorobiphenyls; PCB   |  |  |          | <0.037 mg/kg      |              | <0.037 mg/kg   | <0.0000037 %         |            | <LOD           |
|        | 602-039-00-4   | 215-648-1  | 1336-36-3  |          |                   |              |                |                      |            |                |
| 38     | vanadium { divanadium pentaoxide; vanadium pentoxide }   |  |  |          | 13.6 mg/kg        | 1.785        | 23.235 mg/kg   | 0.00232 %            | ✓          |                |
|        | 023-001-00-8   | 215-239-8  | 1314-62-1  |          |                   |              |                |                      |            |                |
| 39     | coronene   |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        |  | 205-881-7  | 191-07-1   |          |                   |              |                |                      |            |                |
| Total: |  |  |  |          |                   |              |                | 0.0428 %             |            |                |

## 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 because** Hazard Property HP 3(i) Flammable on account of TPH. 'Flammable liquid waste' defined as 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). The flammability risk of the materials can only be confirmed by means of flash point testing, which was not undertaken as part of the ground investigation. However, the hazardous property HP3(i) relates to liquid waste and the materials sampled were solid. In order to assess the Hazard HP3, the 'decision tree' presented in the WM3 guidance for 'Waste soil' in relation to Hazard HP 3 was followed. The assessment process indicated that the Hazard Property HP 3(i) in the samples listed above can be discounted. The samples are therefore not considered to be 'truly hazardous' by virtue of HP 3(i) and a non-hazardous class is considered most appropriate


Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0104%)

Classification of sample: BH102-10-ES-1.30-09/05/2023

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

**Sample details**















|                                    |           |   |
|------------------------------------|-----------|---|
| Sample name:                       | LoW Code: |   |
| <b>BH102-10-ES-1.30-09/05/2023</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>1.30 m</b>                      |           |   |
| Moisture content:                  |           |   |
| <b>22.6%</b>                       |           |   |
| (wet weight correction)            |           |   |

**Hazard properties**

None identified

**Determinands**

Moisture content: 22.6% Wet Weight Moisture Correction applied (MC)

| #  | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 1  |  antimony { antimony trioxide }   |                                |                                |          | 0.3 mg/kg         | 1.197        | 0.278 mg/kg    | 0.0000278 %          | ✓          |                |
|    | 051-005-00-X   | 215-175-0                      | 1309-64-4                      |          |                   |              |                |                      |            |                |
| 2  |  arsenic { arsenic trioxide }   |                                |                                |          | 10.4 mg/kg        | 1.32         | 10.628 mg/kg   | 0.00106 %            | ✓          |                |
|    | 033-003-00-0   | 215-481-4                      | 1327-53-3                      |          |                   |              |                |                      |            |                |
| 3  |  beryllium { beryllium oxide }  |                                |                                |          | 0.49 mg/kg        | 2.775        | 1.053 mg/kg    | 0.000105 %           | ✓          |                |
|    | 004-003-00-8   | 215-133-1                      | 1304-56-9                      |          |                   |              |                |                      |            |                |
| 4  |  boron { diboron trioxide; boric oxide }  |                                |                                |          | 1.7 mg/kg         | 3.22         | 4.237 mg/kg    | 0.000424 %           | ✓          |                |
|    | 005-008-00-8   | 215-125-8                      | 1303-86-2                      |          |                   |              |                |                      |            |                |
| 5  |  cadmium { cadmium oxide }  |                                |                                |          | <0.2 mg/kg        | 1.142        | <0.228 mg/kg   | <0.0000228 %         |            | <LOD           |
|    | 048-002-00-0   | 215-146-2                      | 1306-19-0                      |          |                   |              |                |                      |            |                |
| 6  |  chromium in chromium(III) compounds { chromium(III) oxide (worst case) }   |                                |                                |          | 30.8 mg/kg        | 1.462        | 34.842 mg/kg   | 0.00348 %            | ✓          |                |
|    |  | 215-160-9                      | 1308-38-9                      |          |                   |              |                |                      |            |                |
| 7  |  chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                |          | <0.2 mg/kg        | 2.27         | <0.454 mg/kg   | <0.0000454 %         |            | <LOD           |
|    | 024-017-00-8   |                                |                                |          |                   |              |                |                      |            |                |
| 8  |  copper { dicopper oxide; copper (I) oxide }  |                                |                                |          | 42.2 mg/kg        | 1.126        | 36.775 mg/kg   | 0.00368 %            | ✓          |                |
|    | 029-002-00-X   | 215-270-7                      | 1317-39-1                      |          |                   |              |                |                      |            |                |
| 9  |  lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }   |                                |                                | 1        | 23.2 mg/kg        |              | 17.957 mg/kg   | 0.0018 %             | ✓          |                |
|    | 082-001-00-6   |                                |                                |          |                   |              |                |                      |            |                |
| 10 |  mercury { mercury dichloride }   |                                |                                |          | <0.5 mg/kg        | 1.353        | <0.677 mg/kg   | <0.0000677 %         |            | <LOD           |
|    | 080-010-00-X   | 231-299-8                      | 7487-94-7                      |          |                   |              |                |                      |            |                |
| 11 |  nickel { nickel sulfate }  |                                |                                |          | 72.4 mg/kg        | 2.637        | 147.753 mg/kg  | 0.0148 %             | ✓          |                |
|    | 028-009-00-5   | 232-104-9                      | 7786-81-4                      |          |                   |              |                |                      |            |                |
| 12 |  selenium { nickel selenate }   |                                |                                |          | <0.5 mg/kg        | 2.554        | <1.277 mg/kg   | <0.000128 %          |            | <LOD           |
|    | 028-031-00-5   | 239-125-2                      | 15060-62-5                     |          |                   |              |                |                      |            |                |
| 13 |  zinc { zinc sulphate }   |                                |                                |          | 30 mg/kg          | 2.469        | 57.337 mg/kg   | 0.00573 %            | ✓          |                |
|    | 030-006-00-9   | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |              |                |                      |            |                |
| 14 |  TPH (C6 to C40) petroleum group  |                                |                                |          | 77.1 mg/kg        |              | 59.675 mg/kg   | 0.00597 %            | ✓          |                |
|    |  |                                | TPH                            |          |                   |              |                |                      |            |                |

| #  | 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 |          |                   |              |                |                      |            |                |
| 15 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane<br>603-181-00-X   216-653-1   1634-04-4   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 16 | benzene<br>601-020-00-8   200-753-7   71-43-2  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 17 | toluene<br>601-021-00-3   203-625-9   108-88-3   |           |            |          | <0.007 mg/kg      |              | <0.007 mg/kg   | <0.000007 %          |            | <LOD           |
| 18 | ethylbenzene<br>601-023-00-4   202-849-4   100-41-4  |           |            |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.000003 %          |            | <LOD           |
| 19 | xylene<br>601-022-00-9   202-422-2 [1]   95-47-6 [1]<br>203-396-5 [2]   106-42-3 [2]<br>203-576-3 [3]   108-38-3 [3]<br>215-535-7 [4]   1330-20-7 [4]  |           |            |          | <0.047 mg/kg      |              | <0.047 mg/kg   | <0.000047 %          |            | <LOD           |
| 20 | 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 }<br>006-007-00-5 |           |            |          | <0.6 mg/kg        | 1.884        | <1.13 mg/kg    | <0.000113 %          |            | <LOD           |
| 21 | pH<br>PH   |           |            |          | 7.6 pH            |              | 7.6 pH         | 7.6 pH               |            |                |
| 22 | naphthalene<br>601-052-00-2   202-049-5   91-20-3  |           |            |          | <0.007 mg/kg      |              | <0.007 mg/kg   | <0.000007 %          |            | <LOD           |
| 23 | acenaphthylene<br>205-917-1   208-96-8   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 24 | acenaphthene<br>201-469-6   83-32-9  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 25 | fluorene<br>201-695-5   86-73-7  |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 26 | phenanthrene<br>201-581-5   85-01-8  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 27 | anthracene<br>204-371-1   120-12-7   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 28 | fluoranthene<br>205-912-4   206-44-0   |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 29 | pyrene<br>204-927-3   129-00-0   |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 30 | benzo[a]anthracene<br>601-033-00-9   200-280-6   56-55-3   |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 31 | chrysene<br>601-048-00-0   205-923-4   218-01-9  |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 32 | benzo[b]fluoranthene<br>601-034-00-4   205-911-9   205-99-2  |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 33 | benzo[k]fluoranthene<br>601-036-00-5   205-916-6   207-08-9  |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 34 | benzo[a]pyrene; benzo[def]chrysene<br>601-032-00-3   200-028-5   50-32-8   |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 35 | indeno[123-cd]pyrene<br>205-893-2   193-39-5   |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 36 | dibenz[a,h]anthracene<br>601-041-00-2   200-181-8   53-70-3  |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 37 | benzo[ghi]perylene<br>205-883-8   191-24-2   |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 38 | phenol<br>604-001-00-2   203-632-7   108-95-2  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 39 | 1,1-dichloroethane and 1,2-dichloroethane (combined)<br>203-458-1, 200-863-5   107-06-2, 75-34-3   |           |            |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.000002 %          |            | <LOD           |
| 40 | tetrachloroethylene<br>602-028-00-4   204-825-9   127-18-4   |           |            |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.000004 %          |            | <LOD           |



| #  | 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 |          |                   |              |                |                      |            |                |
| 41 | carbon tetrachloride; tetrachloromethane<br>602-008-00-5 200-262-8 56-23-5   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 42 | trichloroethylene; trichloroethene<br>602-027-00-9 201-167-4 79-01-6   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 43 | vinyl chloride; chloroethylene<br>602-023-00-7 200-831-0 75-01-4   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 44 | hexachlorobenzene<br>602-065-00-6 204-273-9 118-74-1   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 45 | polychlorobiphenyls; PCB<br>602-039-00-4 215-648-1 1336-36-3   |           |            |          | <0.0064 mg/kg     |              | <0.0064 mg/kg  | <0.000000646 %       |            | <LOD           |
| 46 | vanadium { divanadium pentaoxide; vanadium pentoxide }<br>023-001-00-8 215-239-8 1314-62-1   |           |            |          | 27.2 mg/kg        | 1.785        | 37.583 mg/kg   | 0.00376 %            | ✓          |                |
| 47 | coronene<br>205-881-7 191-07-1   |           |            |          | <0.4 mg/kg        |              | <0.4 mg/kg     | <0.00004 %           |            | <LOD           |
| 48 | bis(2-chloroethyl) ether<br>603-029-00-2 203-870-1 111-44-4  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 49 | benzyl alcohol<br>603-057-00-5 202-859-9 100-51-6  |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 50 | hexachloroethane<br>200-666-4 67-72-1  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 51 | nitrosodipropylamine<br>612-098-00-8 210-698-0 621-64-7  |           |            |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
| 52 | nitrobenzene<br>609-003-00-7 202-716-0 98-95-3   |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 53 | 3,5,5-trimethylcyclohex-2-enone; isophorone<br>606-012-00-8 201-126-0 78-59-1  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 54 | 2-nitrophenol<br>201-857-5 88-75-5   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 55 | 3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]<br>604-006-00-X 202-439-5 [1] 95-65-8 [1]<br>202-461-5 [2] 95-87-4 [2]<br>203-321-6 [3] 105-67-9 [3]<br>208-395-3 [4] 526-75-0 [4]<br>209-400-1 [5] 576-26-1 [5]<br>215-089-3 [6] 1300-71-6 [6]<br>276-245-4 [7] 71975-58-1 [7] |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 56 | benzoic acid<br>607-705-00-8 200-618-2 65-85-0   |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 57 | bis(2-chloroethoxy)methane<br>203-920-2 111-91-1   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 58 | 2,4-dichlorophenol<br>604-011-00-7 204-429-6 120-83-2  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 59 | 4-chloroaniline<br>612-137-00-9 203-401-0 106-47-8   |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 60 | chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol<br>604-014-00-3 200-431-6 59-50-7   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 61 | 2-methyl naphthalene<br>202-078-3 91-57-6  |           |            |          | 0.1 mg/kg         |              | 0.0774 mg/kg   | 0.00000774 %         | ✓          |                |
| 62 | hexachlorocyclopentadiene<br>602-078-00-7 201-029-3 77-47-4  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 63 | 2,4,6-trichlorophenol<br>604-018-00-5 201-795-9 88-06-2  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 64 | 2,4,5-trichlorophenol<br>604-017-00-X 202-467-8 95-95-4  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 65 | 2-chloronaphthalene<br>202-079-9 91-58-7   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |

| #  | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 66 | biphenyl; diphenyl   |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    | 601-042-00-8   | 202-163-5                      | 92-52-4                        |          |                   |              |                |                      |            |                |
| 67 | dimethyl phthalate   |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 205-011-6                      | 131-11-3                       |          |                   |              |                |                      |            |                |
| 68 | 2,6-dinitrotoluene   |                                |                                |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
|    | 609-049-00-8   | 210-106-0                      | 606-20-2                       |          |                   |              |                |                      |            |                |
| 69 | 2,4-dinitrophenol  |                                |                                |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
|    | 609-041-00-4   | 200-087-7                      | 51-28-5                        |          |                   |              |                |                      |            |                |
| 70 | dibenzofuran   |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 205-071-3                      | 132-64-9                       |          |                   |              |                |                      |            |                |
| 71 | 4-nitrophenol; p-nitrophenol                                   |                                |                                |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
|    | 609-015-00-2   | 202-811-7                      | 100-02-7                       |          |                   |              |                |                      |            |                |
| 72 | 2,4-dinitrotoluene; [1] dinitrotoluene [2]                     |                                |                                |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    | 609-007-00-9   | 204-450-0 [1]<br>246-836-1 [2] | 121-14-2 [1]<br>25321-14-6 [2] |          |                   |              |                |                      |            |                |
| 73 | diethyl phthalate  |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 201-550-6                      | 84-66-2                        |          |                   |              |                |                      |            |                |
| 74 | 4-chlorophenylphenylether                                      |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 230-281-7                      | 7005-72-3                      |          |                   |              |                |                      |            |                |
| 75 | DNOC (ISO); 4,6-dinitro-o-cresol                               |                                |                                |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    | 609-020-00-X   | 208-601-1                      | 534-52-1                       |          |                   |              |                |                      |            |                |
| 76 | azobenzene   |                                |                                |          | <0.4 mg/kg        |              | <0.4 mg/kg     | <0.00004 %           |            | <LOD           |
|    | 611-001-00-6   | 203-102-5                      | 103-33-3                       |          |                   |              |                |                      |            |                |
| 77 | 4-bromophenylphenylether                                       |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 202-952-4                      | 101-55-3                       |          |                   |              |                |                      |            |                |
| 78 | pentachlorophenol  |                                |                                |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
|    | 604-002-00-8   | 201-778-6                      | 87-86-5                        |          |                   |              |                |                      |            |                |
| 79 | carbazole  |                                |                                |          | <0.4 mg/kg        |              | <0.4 mg/kg     | <0.00004 %           |            | <LOD           |
|    |  | 201-696-0                      | 86-74-8                        |          |                   |              |                |                      |            |                |
| 80 | dibutyl phthalate; DBP   |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    | 607-318-00-4   | 201-557-4                      | 84-74-2                        |          |                   |              |                |                      |            |                |
| 81 | BBP; benzyl butyl phthalate                                    |                                |                                |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    | 607-430-00-3   | 201-622-7                      | 85-68-7                        |          |                   |              |                |                      |            |                |
| 82 | bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP |                                |                                |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    | 607-317-00-9   | 204-211-0                      | 117-81-7                       |          |                   |              |                |                      |            |                |
| 83 | di-n-octyl phthalate   |                                |                                |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    |  | 204-214-7                      | 117-84-0                       |          |                   |              |                |                      |            |                |
| 84 | dichlorodifluoromethane  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    |  | 200-893-9                      | 75-71-8                        |          |                   |              |                |                      |            |                |
| 85 | chloromethane; methyl chloride                                 |                                |                                |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
|    | 602-001-00-7   | 200-817-4                      | 74-87-3                        |          |                   |              |                |                      |            |                |
| 86 | bromomethane; methylbromide                                    |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    | 602-002-00-2   | 200-813-2                      | 74-83-9                        |          |                   |              |                |                      |            |                |
| 87 | chloroethane   |                                |                                |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
|    | 602-009-00-0   | 200-830-5                      | 75-00-3                        |          |                   |              |                |                      |            |                |
| 88 | trichlorofluoromethane   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    |  | 200-892-3                      | 75-69-4                        |          |                   |              |                |                      |            |                |
| 89 | 1,1-dichloroethylene; vinylidene chloride                      |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    | 602-025-00-8   | 200-864-0                      | 75-35-4                        |          |                   |              |                |                      |            |                |
| 90 | 2,2-dichloropropane  |                                |                                |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
|    |  | 209-832-0                      | 594-20-7                       |          |                   |              |                |                      |            |                |
| 91 | bromochloromethane   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    |  | 200-826-3                      | 74-97-5                        |          |                   |              |                |                      |            |                |
| 92 | chloroform; trichloromethane                                   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    | 602-006-00-4   | 200-663-8                      | 67-66-3                        |          |                   |              |                |                      |            |                |
| 93 | 1,1,1-trichloroethane; methyl chloroform                       |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    | 602-013-00-2   | 200-756-3                      | 71-55-6                        |          |                   |              |                |                      |            |                |
| 94 | 1,1-dichloropropene  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    | 602-031-00-0   | 209-253-3                      | 563-58-6                       |          |                   |              |                |                      |            |                |

| #   | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|-----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|     | EU CLP index number                                  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 95  | 1,2-dichloropropane; propylene dichloride            |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-020-00-0   | 201-152-2                      | 78-87-5                        |          |                   |              |                |                      |            |                |
| 96  | dibromomethane                                       |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-003-00-8   | 200-824-2                      | 74-95-3                        |          |                   |              |                |                      |            |                |
| 97  | bromodichloromethane                                 |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 200-856-7                      | 75-27-4                        |          |                   |              |                |                      |            |                |
| 98  | 1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-030-00-5   | 208-826-5 [1]<br>233-195-8 [2] | 542-75-6 [1]<br>10061-01-5 [2] |          |                   |              |                |                      |            |                |
| 99  | trans-1,3-dichloropropene                            |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 431-460-4                      | 10061-02-6                     |          |                   |              |                |                      |            |                |
| 100 | 1,1,2-trichloroethane                                |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-014-00-8   | 201-166-9                      | 79-00-5                        |          |                   |              |                |                      |            |                |
| 101 | 1,3-dichloropropane                                  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 205-531-3                      | 142-28-9                       |          |                   |              |                |                      |            |                |
| 102 | dibromochloromethane                                 |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 204-704-0                      | 124-48-1                       |          |                   |              |                |                      |            |                |
| 103 | 1,2-dibromoethane                                    |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-010-00-6   | 203-444-5                      | 106-93-4                       |          |                   |              |                |                      |            |                |
| 104 | chlorobenzene  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-033-00-1   | 203-628-5                      | 108-90-7                       |          |                   |              |                |                      |            |                |
| 105 | 1,1,1,2-tetrachloroethane                            |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 211-135-1                      | 630-20-6                       |          |                   |              |                |                      |            |                |
| 106 | styrene  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 601-026-00-0   | 202-851-5                      | 100-42-5                       |          |                   |              |                |                      |            |                |
| 107 | bromoform; tribromomethane                           |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-007-00-X   | 200-854-6                      | 75-25-2                        |          |                   |              |                |                      |            |                |
| 108 | 1,1,2,2-tetrachloroethane                            |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-015-00-3   | 201-197-8                      | 79-34-5                        |          |                   |              |                |                      |            |                |
| 109 | bromobenzene   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-060-00-9   | 203-623-8                      | 108-86-1                       |          |                   |              |                |                      |            |                |
| 110 | 1,2,3-trichloropropane                               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-062-00-X   | 202-486-1                      | 96-18-4                        |          |                   |              |                |                      |            |                |
| 111 | mesitylene; 1,3,5-trimethylbenzene                   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 601-025-00-5   | 203-604-4                      | 108-67-8                       |          |                   |              |                |                      |            |                |
| 112 | tert-butylbenzene                                    |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 202-632-4                      | 98-06-6                        |          |                   |              |                |                      |            |                |
| 113 | 1,2,4-trimethylbenzene                               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 601-043-00-3   | 202-436-9                      | 95-63-6                        |          |                   |              |                |                      |            |                |
| 114 | sec-butylbenzene                                     |                                |                                |          | 0.002 mg/kg       |              | 0.0015 mg/kg   | 0.000000155 %        | ✓          |                |
|     |  | 205-227-0                      | 135-98-8                       |          |                   |              |                |                      |            |                |
| 115 | 4-isopropyltoluene                                   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 202-796-7                      | 99-87-6                        |          |                   |              |                |                      |            |                |
| 116 | 1,3-dichlorobenzene                                  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-067-00-7   | 208-792-1                      | 541-73-1                       |          |                   |              |                |                      |            |                |
| 117 | 1,4-dichlorobenzene; p-dichlorobenzene               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-035-00-2   | 203-400-5                      | 106-46-7                       |          |                   |              |                |                      |            |                |
| 118 | n-butylbenzene                                       |                                |                                |          | 0.002 mg/kg       |              | 0.0015 mg/kg   | 0.000000155 %        | ✓          |                |
|     |  | 203-209-7                      | 104-51-8                       |          |                   |              |                |                      |            |                |
| 119 | 1,2-dichlorobenzene; o-dichlorobenzene               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-034-00-7   | 202-425-9                      | 95-50-1                        |          |                   |              |                |                      |            |                |
| 120 | 1,2-dibromo-3-chloropropane                          |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-021-00-6   | 202-479-3                      | 96-12-8                        |          |                   |              |                |                      |            |                |
| 121 | 1,2,4-trichlorobenzene                               |                                |                                |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
|     | 602-087-00-6   | 204-428-0                      | 120-82-1                       |          |                   |              |                |                      |            |                |
| 122 | hexachlorobutadiene                                  |                                |                                |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
|     |  | 201-765-5                      | 87-68-3                        |          |                   |              |                |                      |            |                |
| 123 | 1,2,3-trichlorobenzene                               |                                |                                |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
|     |  | 201-757-1                      | 87-61-6                        |          |                   |              |                |                      |            |                |

| #      | Determinand  |  |   | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--|---|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number  | EC Number  | CAS Number  |          |                   |              |                |                      |            |                |
| 124    | 2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]     |  |   |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
|        | 604-008-00-0   | 202-433-2 [1]<br>203-402-6 [2]<br>203-582-6 [3]<br>246-691-4 [4] | 95-57-8 [1]<br>106-48-9 [2]<br>108-43-0 [3]<br>25167-80-0 [4] |          |                   |              |                |                      |            |                |
| 125    | 1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]   |  |   |          | <0.008 mg/kg      |              | <0.008 mg/kg   | <0.0000008 %         |            | <LOD           |
|        | 602-026-00-3   | 208-750-2 [1]<br>205-859-7 [2]<br>205-860-2 [3]                  | 540-59-0 [1]<br>156-59-2 [2]<br>156-60-5 [3]                  |          |                   |              |                |                      |            |                |
| 126    | cumene; [1] propylbenzene [2]  |  |   |          | 0.002 mg/kg       |              | 0.0015 mg/kg   | 0.000000155 %        | ✓          |                |
|        | 601-024-00-X   | 202-704-5 [1]<br>203-132-9 [2]                                   | 98-82-8 [1]<br>103-65-1 [2]                                   |          |                   |              |                |                      |            |                |
| 127    | 2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] |  |   |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
|        | 602-040-00-X   | 202-424-3 [1]<br>203-580-5 [2]<br>203-397-0 [3]<br>246-698-2 [4] | 95-49-8 [1]<br>108-41-8 [2]<br>106-43-4 [3]<br>25168-05-2 [4] |          |                   |              |                |                      |            |                |
| Total: |  |  |   |          |                   |              |                | 0.0428 %             |            |                |

**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 because** Hazard Property HP 3(i) Flammable on account of TPH. 'Flammable liquid waste' defined as 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). The flammability risk of the materials can only be confirmed by means of flash point testing, which was not undertaken as part of the ground investigation. However, the hazardous property HP3(i) relates to liquid waste and the materials sampled were solid. In order to assess the Hazard HP3, the 'decision tree' presented in the WM3 guidance for 'Waste soil' in relation to Hazard HP 3 was followed. The assessment process indicated that the Hazard Property HP 3(i) in the samples listed above can be discounted. The samples are therefore not considered to be 'truly hazardous' by virtue of HP 3(i) and a non-hazardous class is considered most appropriate

Hazard Statements hit:

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

Because of determinands:

- TPH (C6 to C40) petroleum group: (conc.: 0.00597%)
- sec-butylbenzene: (conc.: 1.55e-07%)
- n-butylbenzene: (conc.: 1.55e-07%)
- cumene; [1] propylbenzene [2]: (conc.: 1.55e-07%)

Classification of sample: BH102-14-ES-2.90-09/05/2023

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

**Sample details**

|                                    |           |   |
|------------------------------------|-----------|---|
| Sample name:                       | LoW Code: |   |
| <b>BH102-14-ES-2.90-09/05/2023</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>2.90 m</b>                      |           |   |
| Moisture content:                  |           |   |
| <b>18.3%</b>                       |           |   |
| (wet weight correction)            |           |   |

**Hazard properties**

None identified

**Determinands**

Moisture content: 18.3% Wet Weight Moisture Correction applied (MC)

| #  | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 1  | antimony { antimony trioxide }   |                                |                                |          | <0.1 mg/kg        | 1.197        | <0.12 mg/kg    | <0.000012 %          |            | <LOD           |
|    | 051-005-00-X   | 215-175-0                      | 1309-64-4                      |          |                   |              |                |                      |            |                |
| 2  | arsenic { arsenic trioxide }   |                                |                                |          | 1.5 mg/kg         | 1.32         | 1.618 mg/kg    | 0.000162 %           | ✓          |                |
|    | 033-003-00-0   | 215-481-4                      | 1327-53-3                      |          |                   |              |                |                      |            |                |
| 3  | beryllium { beryllium oxide }  |                                |                                |          | 0.45 mg/kg        | 2.775        | 1.02 mg/kg     | 0.000102 %           | ✓          |                |
|    | 004-003-00-8   | 215-133-1                      | 1304-56-9                      |          |                   |              |                |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }  |                                |                                |          | 2.1 mg/kg         | 3.22         | 5.524 mg/kg    | 0.000552 %           | ✓          |                |
|    | 005-008-00-8   | 215-125-8                      | 1303-86-2                      |          |                   |              |                |                      |            |                |
| 5  | cadmium { cadmium oxide }  |                                |                                |          | <0.2 mg/kg        | 1.142        | <0.228 mg/kg   | <0.0000228 %         |            | <LOD           |
|    | 048-002-00-0   | 215-146-2                      | 1306-19-0                      |          |                   |              |                |                      |            |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }   |                                |                                |          | 28.3 mg/kg        | 1.462        | 33.793 mg/kg   | 0.00338 %            | ✓          |                |
|    |  | 215-160-9                      | 1308-38-9                      |          |                   |              |                |                      |            |                |
| 7  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                |          | <0.2 mg/kg        | 2.27         | <0.454 mg/kg   | <0.0000454 %         |            | <LOD           |
|    | 024-017-00-8   |                                |                                |          |                   |              |                |                      |            |                |
| 8  | copper { dicopper oxide; copper (I) oxide }  |                                |                                |          | 20.9 mg/kg        | 1.126        | 19.225 mg/kg   | 0.00192 %            | ✓          |                |
|    | 029-002-00-X   | 215-270-7                      | 1317-39-1                      |          |                   |              |                |                      |            |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }   |                                |                                | 1        | 5.8 mg/kg         |              | 4.739 mg/kg    | 0.000474 %           | ✓          |                |
|    | 082-001-00-6   |                                |                                |          |                   |              |                |                      |            |                |
| 10 | mercury { mercury dichloride }   |                                |                                |          | <0.5 mg/kg        | 1.353        | <0.677 mg/kg   | <0.0000677 %         |            | <LOD           |
|    | 080-010-00-X   | 231-299-8                      | 7487-94-7                      |          |                   |              |                |                      |            |                |
| 11 | nickel { nickel sulfate }  |                                |                                |          | 30.3 mg/kg        | 2.637        | 65.271 mg/kg   | 0.00653 %            | ✓          |                |
|    | 028-009-00-5   | 232-104-9                      | 7786-81-4                      |          |                   |              |                |                      |            |                |
| 12 | selenium { nickel selenate }   |                                |                                |          | <0.5 mg/kg        | 2.554        | <1.277 mg/kg   | <0.000128 %          |            | <LOD           |
|    | 028-031-00-5   | 239-125-2                      | 15060-62-5                     |          |                   |              |                |                      |            |                |
| 13 | zinc { zinc sulphate }   |                                |                                |          | 19.4 mg/kg        | 2.469        | 39.138 mg/kg   | 0.00391 %            | ✓          |                |
|    | 030-006-00-9   | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |              |                |                      |            |                |
| 14 | TPH (C6 to C40) petroleum group  |                                |                                |          | <0.245 mg/kg      |              | <0.245 mg/kg   | <0.0000245 %         |            | <LOD           |
|    |  |                                | TPH                            |          |                   |              |                |                      |            |                |

| #  | 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 |          |                   |              |                |                      |            |                |
| 15 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane<br>603-181-00-X   216-653-1   1634-04-4   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 16 | benzene<br>601-020-00-8   200-753-7   71-43-2  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 17 | toluene<br>601-021-00-3   203-625-9   108-88-3   |           |            |          | <0.006 mg/kg      |              | <0.006 mg/kg   | <0.000006 %          |            | <LOD           |
| 18 | ethylbenzene<br>601-023-00-4   202-849-4   100-41-4  |           |            |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.000002 %          |            | <LOD           |
| 19 | xylene<br>601-022-00-9   202-422-2 [1]   95-47-6 [1]<br>203-396-5 [2]   106-42-3 [2]<br>203-576-3 [3]   108-38-3 [3]<br>215-535-7 [4]   1330-20-7 [4]  |           |            |          | <0.043 mg/kg      |              | <0.043 mg/kg   | <0.000043 %          |            | <LOD           |
| 20 | 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 }<br>006-007-00-5 |           |            |          | <0.6 mg/kg        | 1.884        | <1.13 mg/kg    | <0.000113 %          |            | <LOD           |
| 21 | pH<br>PH   |           |            |          | 8.2 pH            |              | 8.2 pH         | 8.2 pH               |            |                |
| 22 | naphthalene<br>601-052-00-2   202-049-5   91-20-3  |           |            |          | <0.006 mg/kg      |              | <0.006 mg/kg   | <0.000006 %          |            | <LOD           |
| 23 | acenaphthylene<br>205-917-1   208-96-8   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 24 | acenaphthene<br>201-469-6   83-32-9  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 25 | fluorene<br>201-695-5   86-73-7  |           |            |          | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 26 | phenanthrene<br>201-581-5   85-01-8  |           |            |          | 0.1 mg/kg         |              | 0.0817 mg/kg   | 0.00000817 %         | ✓          |                |
| 27 | anthracene<br>204-371-1   120-12-7   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 28 | fluoranthene<br>205-912-4   206-44-0   |           |            |          | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 29 | pyrene<br>204-927-3   129-00-0   |           |            |          | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 30 | benzo[a]anthracene<br>601-033-00-9   200-280-6   56-55-3   |           |            |          | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 31 | chrysene<br>601-048-00-0   205-923-4   218-01-9  |           |            |          | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 32 | benzo[b]fluoranthene<br>601-034-00-4   205-911-9   205-99-2  |           |            |          | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 33 | benzo[k]fluoranthene<br>601-036-00-5   205-916-6   207-08-9  |           |            |          | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 34 | benzo[a]pyrene; benzo[def]chrysene<br>601-032-00-3   200-028-5   50-32-8   |           |            |          | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 35 | indeno[123-cd]pyrene<br>205-893-2   193-39-5   |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 36 | dibenz[a,h]anthracene<br>601-041-00-2   200-181-8   53-70-3  |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 37 | benzo[ghi]perylene<br>205-883-8   191-24-2   |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 38 | phenol<br>604-001-00-2   203-632-7   108-95-2  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 39 | 1,1-dichloroethane and 1,2-dichloroethane (combined)<br>203-458-1, 200-863-5   107-06-2, 75-34-3   |           |            |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.000002 %          |            | <LOD           |
| 40 | tetrachloroethylene<br>602-028-00-4   204-825-9   127-18-4   |           |            |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.000004 %          |            | <LOD           |

| #  | 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 |          |                   |              |                |                      |            |                |
| 41 | carbon tetrachloride; tetrachloromethane<br>602-008-00-5 200-262-8 56-23-5  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 42 | trichloroethylene; trichloroethene<br>602-027-00-9 201-167-4 79-01-6  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 43 | vinyl chloride; chloroethylene<br>602-023-00-7 200-831-0 75-01-4  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 44 | hexachlorobenzene<br>602-065-00-6 204-273-9 118-74-1  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 45 | vanadium { divanadium pentaoxide; vanadium pentoxide }<br>023-001-00-8 215-239-8 1314-62-1  |           |            |          | 18.3 mg/kg        | 1.785        | 26.69 mg/kg    | 0.00267 %            | ✓          |                |
| 46 | coronene<br>205-881-7 191-07-1  |           |            |          | <0.4 mg/kg        |              | <0.4 mg/kg     | <0.00004 %           |            | <LOD           |
| 47 | bis(2-chloroethyl) ether<br>603-029-00-2 203-870-1 111-44-4   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 48 | benzyl alcohol<br>603-057-00-5 202-859-9 100-51-6   |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 49 | hexachloroethane<br>200-666-4 67-72-1   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 50 | nitrosodipropylamine<br>612-098-00-8 210-698-0 621-64-7   |           |            |          | <1.1 mg/kg        |              | <1.1 mg/kg     | <0.00011 %           |            | <LOD           |
| 51 | nitrobenzene<br>609-003-00-7 202-716-0 98-95-3  |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 52 | 3,5-trimethylcyclohex-2-enone; isophorone<br>606-012-00-8 201-126-0 78-59-1   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 53 | 2-nitrophenol<br>201-857-5 88-75-5  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 54 | 3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]<br>604-006-00-X 202-439-5 [1] 95-65-8 [1]<br>202-461-5 [2] 95-87-4 [2]<br>203-321-6 [3] 105-67-9 [3]<br>208-395-3 [4] 526-75-0 [4]<br>209-400-1 [5] 576-26-1 [5]<br>215-089-3 [6] 1300-71-6 [6]<br>276-245-4 [7] 71975-58-1 [7] |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 55 | benzoic acid<br>607-705-00-8 200-618-2 65-85-0  |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 56 | bis(2-chloroethoxy)methane<br>203-920-2 111-91-1  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 57 | 2,4-dichlorophenol<br>604-011-00-7 204-429-6 120-83-2   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 58 | 4-chloroaniline<br>612-137-00-9 203-401-0 106-47-8  |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 59 | chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol<br>604-014-00-3 200-431-6 59-50-7  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 60 | 2-methyl naphthalene<br>202-078-3 91-57-6   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 61 | hexachlorocyclopentadiene<br>602-078-00-7 201-029-3 77-47-4   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 62 | 2,4,6-trichlorophenol<br>604-018-00-5 201-795-9 88-06-2   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 63 | 2,4,5-trichlorophenol<br>604-017-00-X 202-467-8 95-95-4   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 64 | 2-chloronaphthalene<br>202-079-9 91-58-7  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 65 | biphenyl; diphenyl<br>601-042-00-8 202-163-5 92-52-4  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |

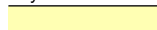



| #  | Determinand  |              |                                | CLP Note                       | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------|--------------------------------|--------------------------------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number    | CAS Number                     |                                |                   |              |                |                      |            |                |
| 66 | dimethyl phthalate   | 205-011-6    | 131-11-3                       |                                | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 67 | 2,6-dinitrotoluene   | 609-049-00-8 | 210-106-0                      | 606-20-2                       | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 68 | 2,4-dinitrophenol  | 609-041-00-4 | 200-087-7                      | 51-28-5                        | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 69 | dibenzofuran   | 205-071-3    | 132-64-9                       |                                | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 70 | 4-nitrophenol; p-nitrophenol                                   | 609-015-00-2 | 202-811-7                      | 100-02-7                       | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 71 | 2,4-dinitrotoluene; [1] dinitrotoluene [2]                     | 609-007-00-9 | 204-450-0 [1]<br>246-836-1 [2] | 121-14-2 [1]<br>25321-14-6 [2] | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 72 | diethyl phthalate  | 201-550-6    | 84-66-2                        |                                | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 73 | 4-chlorophenylphenylether                                      | 230-281-7    | 7005-72-3                      |                                | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 74 | DNOC (ISO); 4,6-dinitro-o-cresol                               | 609-020-00-X | 208-601-1                      | 534-52-1                       | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 75 | azobenzene   | 611-001-00-6 | 203-102-5                      | 103-33-3                       | <0.4 mg/kg        |              | <0.4 mg/kg     | <0.00004 %           |            | <LOD           |
| 76 | 4-bromophenylphenylether                                       | 202-952-4    | 101-55-3                       |                                | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 77 | pentachlorophenol  | 604-002-00-8 | 201-778-6                      | 87-86-5                        | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 78 | carbazole  | 201-696-0    | 86-74-8                        |                                | <0.4 mg/kg        |              | <0.4 mg/kg     | <0.00004 %           |            | <LOD           |
| 79 | dibutyl phthalate; DBP   | 607-318-00-4 | 201-557-4                      | 84-74-2                        | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 80 | BBP; benzyl butyl phthalate                                    | 607-430-00-3 | 201-622-7                      | 85-68-7                        | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 81 | bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP | 607-317-00-9 | 204-211-0                      | 117-81-7                       | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 82 | di-n-octyl phthalate   | 204-214-7    | 117-84-0                       |                                | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 83 | dichlorodifluoromethane  | 200-893-9    | 75-71-8                        |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 84 | chloromethane; methyl chloride                                 | 602-001-00-7 | 200-817-4                      | 74-87-3                        | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
| 85 | bromomethane; methylbromide                                    | 602-002-00-2 | 200-813-2                      | 74-83-9                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 86 | chloroethane   | 602-009-00-0 | 200-830-5                      | 75-00-3                        | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 87 | trichlorofluoromethane   | 200-892-3    | 75-69-4                        |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 88 | 1,1-dichloroethylene; vinylidene chloride                      | 602-025-00-8 | 200-864-0                      | 75-35-4                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 89 | 2,2-dichloropropane  | 209-832-0    | 594-20-7                       |                                | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 90 | bromochloromethane   | 200-826-3    | 74-97-5                        |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 91 | chloroform; trichloromethane                                   | 602-006-00-4 | 200-663-8                      | 67-66-3                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 92 | 1,1,1-trichloroethane; methyl chloroform                       | 602-013-00-2 | 200-756-3                      | 71-55-6                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 93 | 1,1-dichloropropene  | 602-031-00-0 | 209-253-3                      | 563-58-6                       | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 94 | 1,2-dichloropropane; propylene dichloride                      | 602-020-00-0 | 201-152-2                      | 78-87-5                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |



| #   | 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                     |          |                   |              |                |                      |            |                |
| 95  | dibromomethane                                       |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-003-00-8   | 200-824-2                      | 74-95-3                        |          |                   |              |                |                      |            |                |
| 96  | bromodichloromethane                                 |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 200-856-7                      | 75-27-4                        |          |                   |              |                |                      |            |                |
| 97  | 1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-030-00-5   | 208-826-5 [1]<br>233-195-8 [2] | 542-75-6 [1]<br>10061-01-5 [2] |          |                   |              |                |                      |            |                |
| 98  | trans-1,3-dichloropropene                            |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 431-460-4                      | 10061-02-6                     |          |                   |              |                |                      |            |                |
| 99  | 1,1,2-trichloroethane                                |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-014-00-8   | 201-166-9                      | 79-00-5                        |          |                   |              |                |                      |            |                |
| 100 | 1,3-dichloropropane                                  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 205-531-3                      | 142-28-9                       |          |                   |              |                |                      |            |                |
| 101 | dibromochloromethane                                 |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 204-704-0                      | 124-48-1                       |          |                   |              |                |                      |            |                |
| 102 | 1,2-dibromoethane                                    |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-010-00-6   | 203-444-5                      | 106-93-4                       |          |                   |              |                |                      |            |                |
| 103 | chlorobenzene  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-033-00-1   | 203-628-5                      | 108-90-7                       |          |                   |              |                |                      |            |                |
| 104 | 1,1,1,2-tetrachloroethane                            |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 211-135-1                      | 630-20-6                       |          |                   |              |                |                      |            |                |
| 105 | styrene  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 601-026-00-0   | 202-851-5                      | 100-42-5                       |          |                   |              |                |                      |            |                |
| 106 | bromoform; tribromomethane                           |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-007-00-X   | 200-854-6                      | 75-25-2                        |          |                   |              |                |                      |            |                |
| 107 | 1,1,2,2-tetrachloroethane                            |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-015-00-3   | 201-197-8                      | 79-34-5                        |          |                   |              |                |                      |            |                |
| 108 | bromobenzene   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-060-00-9   | 203-623-8                      | 108-86-1                       |          |                   |              |                |                      |            |                |
| 109 | 1,2,3-trichloropropane                               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-062-00-X   | 202-486-1                      | 96-18-4                        |          |                   |              |                |                      |            |                |
| 110 | mesitylene; 1,3,5-trimethylbenzene                   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 601-025-00-5   | 203-604-4                      | 108-67-8                       |          |                   |              |                |                      |            |                |
| 111 | tert-butylbenzene                                    |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 202-632-4                      | 98-06-6                        |          |                   |              |                |                      |            |                |
| 112 | 1,2,4-trimethylbenzene                               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 601-043-00-3   | 202-436-9                      | 95-63-6                        |          |                   |              |                |                      |            |                |
| 113 | sec-butylbenzene                                     |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 205-227-0                      | 135-98-8                       |          |                   |              |                |                      |            |                |
| 114 | 4-isopropyltoluene                                   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 202-796-7                      | 99-87-6                        |          |                   |              |                |                      |            |                |
| 115 | 1,3-dichlorobenzene                                  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-067-00-7   | 208-792-1                      | 541-73-1                       |          |                   |              |                |                      |            |                |
| 116 | 1,4-dichlorobenzene; p-dichlorobenzene               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-035-00-2   | 203-400-5                      | 106-46-7                       |          |                   |              |                |                      |            |                |
| 117 | n-butylbenzene                                       |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 203-209-7                      | 104-51-8                       |          |                   |              |                |                      |            |                |
| 118 | 1,2-dichlorobenzene; o-dichlorobenzene               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-034-00-7   | 202-425-9                      | 95-50-1                        |          |                   |              |                |                      |            |                |
| 119 | 1,2-dibromo-3-chloropropane                          |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-021-00-6   | 202-479-3                      | 96-12-8                        |          |                   |              |                |                      |            |                |
| 120 | 1,2,4-trichlorobenzene                               |                                |                                |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
|     | 602-087-00-6   | 204-428-0                      | 120-82-1                       |          |                   |              |                |                      |            |                |
| 121 | hexachlorobutadiene                                  |                                |                                |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
|     |  | 201-765-5                      | 87-68-3                        |          |                   |              |                |                      |            |                |
| 122 | 1,2,3-trichlorobenzene                               |                                |                                |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
|     |  | 201-757-1                      | 87-61-6                        |          |                   |              |                |                      |            |                |

| #      | Determinand  |  |   | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--|---|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number  | EC Number  | CAS Number  |          |                   |              |                |                      |            |                |
| 123    | 2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]     |  |   |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
|        | 604-008-00-0   | 202-433-2 [1]<br>203-402-6 [2]<br>203-582-6 [3]<br>246-691-4 [4] | 95-57-8 [1]<br>106-48-9 [2]<br>108-43-0 [3]<br>25167-80-0 [4] |          |                   |              |                |                      |            |                |
| 124    | 1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]   |  |   |          | <0.007 mg/kg      |              | <0.007 mg/kg   | <0.0000007 %         |            | <LOD           |
|        | 602-026-00-3   | 208-750-2 [1]<br>205-859-7 [2]<br>205-860-2 [3]                  | 540-59-0 [1]<br>156-59-2 [2]<br>156-60-5 [3]                  |          |                   |              |                |                      |            |                |
| 125    | cumene; [1] propylbenzene [2]  |  |   |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
|        | 601-024-00-X   | 202-704-5 [1]<br>203-132-9 [2]                                   | 98-82-8 [1]<br>103-65-1 [2]                                   |          |                   |              |                |                      |            |                |
| 126    | 2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] |  |   |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
|        | 602-040-00-X   | 202-424-3 [1]<br>203-580-5 [2]<br>203-397-0 [3]<br>246-698-2 [4] | 95-49-8 [1]<br>108-41-8 [2]<br>106-43-4 [3]<br>25168-05-2 [4] |          |                   |              |                |                      |            |                |
| Total: |  |  |   |          |                   |              |                | 0.0216 %             |            |                |

### Key

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

Classification of sample: BH105-4-ES-0.30-05/05/2023

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

**Sample details**

|                                   |           |   |
|-----------------------------------|-----------|---|
| Sample name:                      | LoW Code: |   |
| <b>BH105-4-ES-0.30-05/05/2023</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>0.30 m</b>                     |           |   |
| Moisture content:                 |           |   |
| <b>21.9%</b>                      |           |   |
| (wet weight correction)           |           |   |

**Hazard properties**

None identified

**Determinands**

Moisture content: 21.9% Wet Weight Moisture Correction applied (MC)

| #  | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 1  | antimony { antimony trioxide }   |                                |                                |          | 0.3 mg/kg         | 1.197        | 0.28 mg/kg     | 0.000028 %           | ✓          |                |
|    | 051-005-00-X   | 215-175-0                      | 1309-64-4                      |          |                   |              |                |                      |            |                |
| 2  | arsenic { arsenic trioxide }   |                                |                                |          | 10.7 mg/kg        | 1.32         | 11.034 mg/kg   | 0.0011 %             | ✓          |                |
|    | 033-003-00-0   | 215-481-4                      | 1327-53-3                      |          |                   |              |                |                      |            |                |
| 3  | beryllium { beryllium oxide }  |                                |                                |          | 0.43 mg/kg        | 2.775        | 0.932 mg/kg    | 0.0000932 %          | ✓          |                |
|    | 004-003-00-8   | 215-133-1                      | 1304-56-9                      |          |                   |              |                |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }  |                                |                                |          | 1.8 mg/kg         | 3.22         | 4.527 mg/kg    | 0.000453 %           | ✓          |                |
|    | 005-008-00-8   | 215-125-8                      | 1303-86-2                      |          |                   |              |                |                      |            |                |
| 5  | cadmium { cadmium oxide }  |                                |                                |          | 0.8 mg/kg         | 1.142        | 0.714 mg/kg    | 0.0000714 %          | ✓          |                |
|    | 048-002-00-0   | 215-146-2                      | 1306-19-0                      |          |                   |              |                |                      |            |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }   |                                |                                |          | 33 mg/kg          | 1.462        | 37.669 mg/kg   | 0.00377 %            | ✓          |                |
|    |  | 215-160-9                      | 1308-38-9                      |          |                   |              |                |                      |            |                |
| 7  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                |          | <0.2 mg/kg        | 2.27         | <0.454 mg/kg   | <0.0000454 %         |            | <LOD           |
|    |  |                                |                                |          |                   |              |                |                      |            |                |
| 8  | copper { dicopper oxide; copper (I) oxide }  |                                |                                |          | 29.5 mg/kg        | 1.126        | 25.94 mg/kg    | 0.00259 %            | ✓          |                |
|    | 029-002-00-X   | 215-270-7                      | 1317-39-1                      |          |                   |              |                |                      |            |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }   |                                |                                | 1        | 34.1 mg/kg        |              | 26.632 mg/kg   | 0.00266 %            | ✓          |                |
|    |  |                                |                                |          |                   |              |                |                      |            |                |
| 10 | mercury { mercury dichloride }   |                                |                                |          | <0.5 mg/kg        | 1.353        | <0.677 mg/kg   | <0.0000677 %         |            | <LOD           |
|    | 080-010-00-X   | 231-299-8                      | 7487-94-7                      |          |                   |              |                |                      |            |                |
| 11 | nickel { nickel sulfate }  |                                |                                |          | 34.6 mg/kg        | 2.637        | 71.25 mg/kg    | 0.00713 %            | ✓          |                |
|    | 028-009-00-5   | 232-104-9                      | 7786-81-4                      |          |                   |              |                |                      |            |                |
| 12 | selenium { nickel selenate }   |                                |                                |          | <0.5 mg/kg        | 2.554        | <1.277 mg/kg   | <0.000128 %          |            | <LOD           |
|    | 028-031-00-5   | 239-125-2                      | 15060-62-5                     |          |                   |              |                |                      |            |                |
| 13 | zinc { zinc sulphate }   |                                |                                |          | 174.4 mg/kg       | 2.469        | 336.334 mg/kg  | 0.0336 %             | ✓          |                |
|    | 030-006-00-9   | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |              |                |                      |            |                |
| 14 | TPH (C6 to C40) petroleum group  |                                |                                |          | <0.256 mg/kg      |              | <0.256 mg/kg   | <0.0000256 %         |            | <LOD           |
|    |  |                                | TPH                            |          |                   |              |                |                      |            |                |

| #  | 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 |          |                   |              |                |                      |            |                |
| 15 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane<br>603-181-00-X   216-653-1   1634-04-4   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 16 | benzene<br>601-020-00-8   200-753-7   71-43-2  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 17 | toluene<br>601-021-00-3   203-625-9   108-88-3   |           |            |          | <0.006 mg/kg      |              | <0.006 mg/kg   | <0.000006 %          |            | <LOD           |
| 18 | ethylbenzene<br>601-023-00-4   202-849-4   100-41-4  |           |            |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.000003 %          |            | <LOD           |
| 19 | xylene<br>601-022-00-9   202-422-2 [1]   95-47-6 [1]<br>203-396-5 [2]   106-42-3 [2]<br>203-576-3 [3]   108-38-3 [3]<br>215-535-7 [4]   1330-20-7 [4]  |           |            |          | <0.047 mg/kg      |              | <0.047 mg/kg   | <0.000047 %          |            | <LOD           |
| 20 | 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 }<br>006-007-00-5 |           |            |          | <0.6 mg/kg        | 1.884        | <1.13 mg/kg    | <0.000113 %          |            | <LOD           |
| 21 | pH<br>PH   |           |            |          | 8.4 pH            |              | 8.4 pH         | 8.4 pH               |            |                |
| 22 | naphthalene<br>601-052-00-2   202-049-5   91-20-3  |           |            |          | <0.006 mg/kg      |              | <0.006 mg/kg   | <0.000006 %          |            | <LOD           |
| 23 | acenaphthylene<br>205-917-1   208-96-8   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 24 | acenaphthene<br>201-469-6   83-32-9  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 25 | fluorene<br>201-695-5   86-73-7  |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 26 | phenanthrene<br>201-581-5   85-01-8  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 27 | anthracene<br>204-371-1   120-12-7   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 28 | fluoranthene<br>205-912-4   206-44-0   |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 29 | pyrene<br>204-927-3   129-00-0   |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 30 | benzo[a]anthracene<br>601-033-00-9   200-280-6   56-55-3   |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 31 | chrysene<br>601-048-00-0   205-923-4   218-01-9  |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 32 | benzo[b]fluoranthene<br>601-034-00-4   205-911-9   205-99-2  |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 33 | benzo[k]fluoranthene<br>601-036-00-5   205-916-6   207-08-9  |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 34 | benzo[a]pyrene; benzo[def]chrysene<br>601-032-00-3   200-028-5   50-32-8   |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 35 | indeno[123-cd]pyrene<br>205-893-2   193-39-5   |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 36 | dibenz[a,h]anthracene<br>601-041-00-2   200-181-8   53-70-3  |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 37 | benzo[ghi]perylene<br>205-883-8   191-24-2   |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 38 | phenol<br>604-001-00-2   203-632-7   108-95-2  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 39 | 1,1-dichloroethane and 1,2-dichloroethane (combined)<br>203-458-1, 200-863-5   107-06-2, 75-34-3   |           |            |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.000002 %          |            | <LOD           |
| 40 | tetrachloroethylene<br>602-028-00-4   204-825-9   127-18-4   |           |            |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.000004 %          |            | <LOD           |

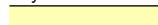



| #  | Determinand  |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 41 | carbon tetrachloride; tetrachloromethane<br>602-008-00-5 200-262-8 56-23-5   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 42 | trichloroethylene; trichloroethene<br>602-027-00-9 201-167-4 79-01-6   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 43 | vinyl chloride; chloroethylene<br>602-023-00-7 200-831-0 75-01-4   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 44 | hexachlorobenzene<br>602-065-00-6 204-273-9 118-74-1   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 45 | polychlorobiphenyls; PCB<br>602-039-00-4 215-648-1 1336-36-3   |           |            |          | <0.0064 mg/kg     |              | <0.0064 mg/kg  | <0.00000064 %        |            | <LOD           |
| 46 | vanadium { divanadium pentaoxide; vanadium pentoxide }<br>023-001-00-8 215-239-8 1314-62-1   |           |            |          | 33.2 mg/kg        | 1.785        | 46.288 mg/kg   | 0.00463 %            | ✓          |                |
| 47 | coronene<br>205-881-7 191-07-1   |           |            |          | <0.4 mg/kg        |              | <0.4 mg/kg     | <0.00004 %           |            | <LOD           |
| 48 | bis(2-chloroethyl) ether<br>603-029-00-2 203-870-1 111-44-4  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 49 | benzyl alcohol<br>603-057-00-5 202-859-9 100-51-6  |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 50 | hexachloroethane<br>200-666-4 67-72-1  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 51 | nitrosodipropylamine<br>612-098-00-8 210-698-0 621-64-7  |           |            |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
| 52 | nitrobenzene<br>609-003-00-7 202-716-0 98-95-3   |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 53 | 3,5,5-trimethylcyclohex-2-enone; isophorone<br>606-012-00-8 201-126-0 78-59-1  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 54 | 2-nitrophenol<br>201-857-5 88-75-5   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 55 | 3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]<br>604-006-00-X 202-439-5 [1] 95-65-8 [1]<br>202-461-5 [2] 95-87-4 [2]<br>203-321-6 [3] 105-67-9 [3]<br>208-395-3 [4] 526-75-0 [4]<br>209-400-1 [5] 576-26-1 [5]<br>215-089-3 [6] 1300-71-6 [6]<br>276-245-4 [7] 71975-58-1 [7] |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 56 | benzoic acid<br>607-705-00-8 200-618-2 65-85-0   |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 57 | bis(2-chloroethoxy)methane<br>203-920-2 111-91-1   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 58 | 2,4-dichlorophenol<br>604-011-00-7 204-429-6 120-83-2  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 59 | 4-chloroaniline<br>612-137-00-9 203-401-0 106-47-8   |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 60 | chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol<br>604-014-00-3 200-431-6 59-50-7   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 61 | 2-methyl naphthalene<br>202-078-3 91-57-6  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 62 | hexachlorocyclopentadiene<br>602-078-00-7 201-029-3 77-47-4  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 63 | 2,4,6-trichlorophenol<br>604-018-00-5 201-795-9 88-06-2  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 64 | 2,4,5-trichlorophenol<br>604-017-00-X 202-467-8 95-95-4  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 65 | 2-chloronaphthalene<br>202-079-9 91-58-7   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |

| #  | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 66 | biphenyl; diphenyl   |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    | 601-042-00-8   | 202-163-5                      | 92-52-4                        |          |                   |              |                |                      |            |                |
| 67 | dimethyl phthalate   |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 205-011-6                      | 131-11-3                       |          |                   |              |                |                      |            |                |
| 68 | 2,6-dinitrotoluene   |                                |                                |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
|    | 609-049-00-8   | 210-106-0                      | 606-20-2                       |          |                   |              |                |                      |            |                |
| 69 | 2,4-dinitrophenol  |                                |                                |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
|    | 609-041-00-4   | 200-087-7                      | 51-28-5                        |          |                   |              |                |                      |            |                |
| 70 | dibenzofuran   |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 205-071-3                      | 132-64-9                       |          |                   |              |                |                      |            |                |
| 71 | 4-nitrophenol; p-nitrophenol                                   |                                |                                |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
|    | 609-015-00-2   | 202-811-7                      | 100-02-7                       |          |                   |              |                |                      |            |                |
| 72 | 2,4-dinitrotoluene; [1] dinitrotoluene [2]                     |                                |                                |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    | 609-007-00-9   | 204-450-0 [1]<br>246-836-1 [2] | 121-14-2 [1]<br>25321-14-6 [2] |          |                   |              |                |                      |            |                |
| 73 | diethyl phthalate  |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 201-550-6                      | 84-66-2                        |          |                   |              |                |                      |            |                |
| 74 | 4-chlorophenylphenylether                                      |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 230-281-7                      | 7005-72-3                      |          |                   |              |                |                      |            |                |
| 75 | DNOC (ISO); 4,6-dinitro-o-cresol                               |                                |                                |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    | 609-020-00-X   | 208-601-1                      | 534-52-1                       |          |                   |              |                |                      |            |                |
| 76 | azobenzene   |                                |                                |          | <0.4 mg/kg        |              | <0.4 mg/kg     | <0.00004 %           |            | <LOD           |
|    | 611-001-00-6   | 203-102-5                      | 103-33-3                       |          |                   |              |                |                      |            |                |
| 77 | 4-bromophenylphenylether                                       |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 202-952-4                      | 101-55-3                       |          |                   |              |                |                      |            |                |
| 78 | pentachlorophenol  |                                |                                |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
|    | 604-002-00-8   | 201-778-6                      | 87-86-5                        |          |                   |              |                |                      |            |                |
| 79 | carbazole  |                                |                                |          | <0.4 mg/kg        |              | <0.4 mg/kg     | <0.00004 %           |            | <LOD           |
|    |  | 201-696-0                      | 86-74-8                        |          |                   |              |                |                      |            |                |
| 80 | dibutyl phthalate; DBP   |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    | 607-318-00-4   | 201-557-4                      | 84-74-2                        |          |                   |              |                |                      |            |                |
| 81 | BBP; benzyl butyl phthalate                                    |                                |                                |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    | 607-430-00-3   | 201-622-7                      | 85-68-7                        |          |                   |              |                |                      |            |                |
| 82 | bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP |                                |                                |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    | 607-317-00-9   | 204-211-0                      | 117-81-7                       |          |                   |              |                |                      |            |                |
| 83 | di-n-octyl phthalate   |                                |                                |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    |  | 204-214-7                      | 117-84-0                       |          |                   |              |                |                      |            |                |
| 84 | dichlorodifluoromethane  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    |  | 200-893-9                      | 75-71-8                        |          |                   |              |                |                      |            |                |
| 85 | chloromethane; methyl chloride                                 |                                |                                |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
|    | 602-001-00-7   | 200-817-4                      | 74-87-3                        |          |                   |              |                |                      |            |                |
| 86 | bromomethane; methylbromide                                    |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    | 602-002-00-2   | 200-813-2                      | 74-83-9                        |          |                   |              |                |                      |            |                |
| 87 | chloroethane   |                                |                                |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
|    | 602-009-00-0   | 200-830-5                      | 75-00-3                        |          |                   |              |                |                      |            |                |
| 88 | trichlorofluoromethane   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    |  | 200-892-3                      | 75-69-4                        |          |                   |              |                |                      |            |                |
| 89 | 1,1-dichloroethylene; vinylidene chloride                      |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    | 602-025-00-8   | 200-864-0                      | 75-35-4                        |          |                   |              |                |                      |            |                |
| 90 | 2,2-dichloropropane  |                                |                                |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
|    |  | 209-832-0                      | 594-20-7                       |          |                   |              |                |                      |            |                |
| 91 | bromochloromethane   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    |  | 200-826-3                      | 74-97-5                        |          |                   |              |                |                      |            |                |
| 92 | chloroform; trichloromethane                                   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    | 602-006-00-4   | 200-663-8                      | 67-66-3                        |          |                   |              |                |                      |            |                |
| 93 | 1,1,1-trichloroethane; methyl chloroform                       |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    | 602-013-00-2   | 200-756-3                      | 71-55-6                        |          |                   |              |                |                      |            |                |
| 94 | 1,1-dichloropropene  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    | 602-031-00-0   | 209-253-3                      | 563-58-6                       |          |                   |              |                |                      |            |                |

| #   | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|-----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|     | EU CLP index number                                  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 95  | 1,2-dichloropropane; propylene dichloride            |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-020-00-0   | 201-152-2                      | 78-87-5                        |          |                   |              |                |                      |            |                |
| 96  | dibromomethane                                       |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-003-00-8   | 200-824-2                      | 74-95-3                        |          |                   |              |                |                      |            |                |
| 97  | bromodichloromethane                                 |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 200-856-7                      | 75-27-4                        |          |                   |              |                |                      |            |                |
| 98  | 1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-030-00-5   | 208-826-5 [1]<br>233-195-8 [2] | 542-75-6 [1]<br>10061-01-5 [2] |          |                   |              |                |                      |            |                |
| 99  | trans-1,3-dichloropropene                            |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 431-460-4                      | 10061-02-6                     |          |                   |              |                |                      |            |                |
| 100 | 1,1,2-trichloroethane                                |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-014-00-8   | 201-166-9                      | 79-00-5                        |          |                   |              |                |                      |            |                |
| 101 | 1,3-dichloropropane                                  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 205-531-3                      | 142-28-9                       |          |                   |              |                |                      |            |                |
| 102 | dibromochloromethane                                 |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 204-704-0                      | 124-48-1                       |          |                   |              |                |                      |            |                |
| 103 | 1,2-dibromoethane                                    |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-010-00-6   | 203-444-5                      | 106-93-4                       |          |                   |              |                |                      |            |                |
| 104 | chlorobenzene  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-033-00-1   | 203-628-5                      | 108-90-7                       |          |                   |              |                |                      |            |                |
| 105 | 1,1,1,2-tetrachloroethane                            |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 211-135-1                      | 630-20-6                       |          |                   |              |                |                      |            |                |
| 106 | styrene  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 601-026-00-0   | 202-851-5                      | 100-42-5                       |          |                   |              |                |                      |            |                |
| 107 | bromoform; tribromomethane                           |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-007-00-X   | 200-854-6                      | 75-25-2                        |          |                   |              |                |                      |            |                |
| 108 | 1,1,2,2-tetrachloroethane                            |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-015-00-3   | 201-197-8                      | 79-34-5                        |          |                   |              |                |                      |            |                |
| 109 | bromobenzene   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-060-00-9   | 203-623-8                      | 108-86-1                       |          |                   |              |                |                      |            |                |
| 110 | 1,2,3-trichloropropane                               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-062-00-X   | 202-486-1                      | 96-18-4                        |          |                   |              |                |                      |            |                |
| 111 | mesitylene; 1,3,5-trimethylbenzene                   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 601-025-00-5   | 203-604-4                      | 108-67-8                       |          |                   |              |                |                      |            |                |
| 112 | tert-butylbenzene                                    |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 202-632-4                      | 98-06-6                        |          |                   |              |                |                      |            |                |
| 113 | 1,2,4-trimethylbenzene                               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 601-043-00-3   | 202-436-9                      | 95-63-6                        |          |                   |              |                |                      |            |                |
| 114 | sec-butylbenzene                                     |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 205-227-0                      | 135-98-8                       |          |                   |              |                |                      |            |                |
| 115 | 4-isopropyltoluene                                   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 202-796-7                      | 99-87-6                        |          |                   |              |                |                      |            |                |
| 116 | 1,3-dichlorobenzene                                  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-067-00-7   | 208-792-1                      | 541-73-1                       |          |                   |              |                |                      |            |                |
| 117 | 1,4-dichlorobenzene; p-dichlorobenzene               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-035-00-2   | 203-400-5                      | 106-46-7                       |          |                   |              |                |                      |            |                |
| 118 | n-butylbenzene                                       |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 203-209-7                      | 104-51-8                       |          |                   |              |                |                      |            |                |
| 119 | 1,2-dichlorobenzene; o-dichlorobenzene               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-034-00-7   | 202-425-9                      | 95-50-1                        |          |                   |              |                |                      |            |                |
| 120 | 1,2-dibromo-3-chloropropane                          |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-021-00-6   | 202-479-3                      | 96-12-8                        |          |                   |              |                |                      |            |                |
| 121 | 1,2,4-trichlorobenzene                               |                                |                                |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
|     | 602-087-00-6   | 204-428-0                      | 120-82-1                       |          |                   |              |                |                      |            |                |
| 122 | hexachlorobutadiene                                  |                                |                                |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
|     |  | 201-765-5                      | 87-68-3                        |          |                   |              |                |                      |            |                |
| 123 | 1,2,3-trichlorobenzene                               |                                |                                |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
|     |  | 201-757-1                      | 87-61-6                        |          |                   |              |                |                      |            |                |

| #      | Determinand  |  |   | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--|---|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number  | EC Number  | CAS Number  |          |                   |              |                |                      |            |                |
| 124    | 2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]     |  |   |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
|        | 604-008-00-0   | 202-433-2 [1]<br>203-402-6 [2]<br>203-582-6 [3]<br>246-691-4 [4] | 95-57-8 [1]<br>106-48-9 [2]<br>108-43-0 [3]<br>25167-80-0 [4] |          |                   |              |                |                      |            |                |
| 125    | 1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]   |  |   |          | <0.007 mg/kg      |              | <0.007 mg/kg   | <0.0000007 %         |            | <LOD           |
|        | 602-026-00-3   | 208-750-2 [1]<br>205-859-7 [2]<br>205-860-2 [3]                  | 540-59-0 [1]<br>156-59-2 [2]<br>156-60-5 [3]                  |          |                   |              |                |                      |            |                |
| 126    | cumene; [1] propylbenzene [2]  |  |   |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
|        | 601-024-00-X   | 202-704-5 [1]<br>203-132-9 [2]                                   | 98-82-8 [1]<br>103-65-1 [2]                                   |          |                   |              |                |                      |            |                |
| 127    | 2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] |  |   |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
|        | 602-040-00-X   | 202-424-3 [1]<br>203-580-5 [2]<br>203-397-0 [3]<br>246-698-2 [4] | 95-49-8 [1]<br>108-41-8 [2]<br>106-43-4 [3]<br>25168-05-2 [4] |          |                   |              |                |                      |            |                |
| Total: |  |  |   |          |                   |              |                | 0.0582 %             |            |                |

#### Key

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



Classification of sample: BH105-7-ES-0.60-05/05/2023

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

**Sample details**

|                                   |           |   |
|-----------------------------------|-----------|---|
| Sample name:                      | LoW Code: |   |
| <b>BH105-7-ES-0.60-05/05/2023</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>0.60 m</b>                     |           |   |
| Moisture content:                 |           |   |
| <b>25.7%</b>                      |           |   |
| (wet weight correction)           |           |   |

**Hazard properties**

None identified

**Determinands**

Moisture content: 25.7% Wet Weight Moisture Correction applied (MC)

| #  | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 1  | antimony { antimony trioxide }   |                                |                                |          | 0.5 mg/kg         | 1.197        | 0.445 mg/kg    | 0.0000445 %          | ✓          |                |
|    | 051-005-00-X   | 215-175-0                      | 1309-64-4                      |          |                   |              |                |                      |            |                |
| 2  | arsenic { arsenic trioxide }   |                                |                                |          | 16.1 mg/kg        | 1.32         | 15.794 mg/kg   | 0.00158 %            | ✓          |                |
|    | 033-003-00-0   | 215-481-4                      | 1327-53-3                      |          |                   |              |                |                      |            |                |
| 3  | beryllium { beryllium oxide }  |                                |                                |          | 0.51 mg/kg        | 2.775        | 1.052 mg/kg    | 0.000105 %           | ✓          |                |
|    | 004-003-00-8   | 215-133-1                      | 1304-56-9                      |          |                   |              |                |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }  |                                |                                |          | 2.1 mg/kg         | 3.22         | 5.024 mg/kg    | 0.000502 %           | ✓          |                |
|    | 005-008-00-8   | 215-125-8                      | 1303-86-2                      |          |                   |              |                |                      |            |                |
| 5  | cadmium { cadmium oxide }  |                                |                                |          | 0.8 mg/kg         | 1.142        | 0.679 mg/kg    | 0.0000679 %          | ✓          |                |
|    | 048-002-00-0   | 215-146-2                      | 1306-19-0                      |          |                   |              |                |                      |            |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }   |                                |                                |          | 40.5 mg/kg        | 1.462        | 43.98 mg/kg    | 0.0044 %             | ✓          |                |
|    |  | 215-160-9                      | 1308-38-9                      |          |                   |              |                |                      |            |                |
| 7  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                |          | <0.2 mg/kg        | 2.27         | <0.454 mg/kg   | <0.0000454 %         |            | <LOD           |
|    | 024-017-00-8   |                                |                                |          |                   |              |                |                      |            |                |
| 8  | copper { dicopper oxide; copper (I) oxide }  |                                |                                |          | 33.9 mg/kg        | 1.126        | 28.359 mg/kg   | 0.00284 %            | ✓          |                |
|    | 029-002-00-X   | 215-270-7                      | 1317-39-1                      |          |                   |              |                |                      |            |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }   |                                |                                | 1        | 55.6 mg/kg        |              | 41.311 mg/kg   | 0.00413 %            | ✓          |                |
|    | 082-001-00-6   |                                |                                |          |                   |              |                |                      |            |                |
| 10 | mercury { mercury dichloride }   |                                |                                |          | <0.5 mg/kg        | 1.353        | <0.677 mg/kg   | <0.0000677 %         |            | <LOD           |
|    | 080-010-00-X   | 231-299-8                      | 7487-94-7                      |          |                   |              |                |                      |            |                |
| 11 | nickel { nickel sulfate }  |                                |                                |          | 36.2 mg/kg        | 2.637        | 70.918 mg/kg   | 0.00709 %            | ✓          |                |
|    | 028-009-00-5   | 232-104-9                      | 7786-81-4                      |          |                   |              |                |                      |            |                |
| 12 | selenium { nickel selenate }   |                                |                                |          | <0.5 mg/kg        | 2.554        | <1.277 mg/kg   | <0.000128 %          |            | <LOD           |
|    | 028-031-00-5   | 239-125-2                      | 15060-62-5                     |          |                   |              |                |                      |            |                |
| 13 | zinc { zinc sulphate }   |                                |                                |          | 185.5 mg/kg       | 2.469        | 340.334 mg/kg  | 0.034 %              | ✓          |                |
|    | 030-006-00-9   | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |              |                |                      |            |                |
| 14 | TPH (C6 to C40) petroleum group  |                                |                                |          | 27.3 mg/kg        |              | 20.284 mg/kg   | 0.00203 %            | ✓          |                |
|    |  |                                | TPH                            |          |                   |              |                |                      |            |                |

| #  | 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 |          |                   |              |                |                      |            |                |
| 15 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane<br>603-181-00-X   216-653-1   1634-04-4   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 16 | benzene<br>601-020-00-8   200-753-7   71-43-2  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 17 | toluene<br>601-021-00-3   203-625-9   108-88-3   |           |            |          | <0.007 mg/kg      |              | <0.007 mg/kg   | <0.000007 %          |            | <LOD           |
| 18 | ethylbenzene<br>601-023-00-4   202-849-4   100-41-4  |           |            |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.000003 %          |            | <LOD           |
| 19 | xylene<br>601-022-00-9   202-422-2 [1]   95-47-6 [1]<br>203-396-5 [2]   106-42-3 [2]<br>203-576-3 [3]   108-38-3 [3]<br>215-535-7 [4]   1330-20-7 [4]  |           |            |          | <0.049 mg/kg      |              | <0.049 mg/kg   | <0.000049 %          |            | <LOD           |
| 20 | 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 }<br>006-007-00-5 |           |            |          | <0.7 mg/kg        | 1.884        | <1.319 mg/kg   | <0.000132 %          |            | <LOD           |
| 21 | pH<br>PH   |           |            |          | 8.2 pH            |              | 8.2 pH         | 8.2 pH               |            |                |
| 22 | naphthalene<br>601-052-00-2   202-049-5   91-20-3  |           |            |          | <0.007 mg/kg      |              | <0.007 mg/kg   | <0.000007 %          |            | <LOD           |
| 23 | acenaphthylene<br>205-917-1   208-96-8   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 24 | acenaphthene<br>201-469-6   83-32-9  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 25 | fluorene<br>201-695-5   86-73-7  |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 26 | phenanthrene<br>201-581-5   85-01-8  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 27 | anthracene<br>204-371-1   120-12-7   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 28 | fluoranthene<br>205-912-4   206-44-0   |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 29 | pyrene<br>204-927-3   129-00-0   |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 30 | benzo[a]anthracene<br>601-033-00-9   200-280-6   56-55-3   |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 31 | chrysene<br>601-048-00-0   205-923-4   218-01-9  |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 32 | benzo[b]fluoranthene<br>601-034-00-4   205-911-9   205-99-2  |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 33 | benzo[k]fluoranthene<br>601-036-00-5   205-916-6   207-08-9  |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 34 | benzo[a]pyrene; benzo[def]chrysene<br>601-032-00-3   200-028-5   50-32-8   |           |            |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| 35 | indeno[123-cd]pyrene<br>205-893-2   193-39-5   |           |            |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
| 36 | dibenz[a,h]anthracene<br>601-041-00-2   200-181-8   53-70-3  |           |            |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
| 37 | benzo[ghi]perylene<br>205-883-8   191-24-2   |           |            |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
| 38 | phenol<br>604-001-00-2   203-632-7   108-95-2  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 39 | 1,1-dichloroethane and 1,2-dichloroethane (combined)<br>203-458-1, 200-863-5   107-06-2, 75-34-3   |           |            |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.000002 %          |            | <LOD           |
| 40 | tetrachloroethylene<br>602-028-00-4   204-825-9   127-18-4   |           |            |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.000004 %          |            | <LOD           |

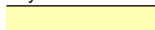



| #  | Determinand  |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 41 | carbon tetrachloride; tetrachloromethane<br>602-008-00-5 200-262-8 56-23-5   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 42 | trichloroethylene; trichloroethene<br>602-027-00-9 201-167-4 79-01-6   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 43 | vinyl chloride; chloroethylene<br>602-023-00-7 200-831-0 75-01-4   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 44 | hexachlorobenzene<br>602-065-00-6 204-273-9 118-74-1   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 45 | polychlorobiphenyls; PCB<br>602-039-00-4 215-648-1 1336-36-3   |           |            |          | <0.0067 mg/kg     |              | <0.0067 mg/kg  | <0.000000673 %       |            | <LOD           |
| 46 | vanadium { divanadium pentaoxide; vanadium pentoxide }<br>023-001-00-8 215-239-8 1314-62-1   |           |            |          | 52.1 mg/kg        | 1.785        | 69.105 mg/kg   | 0.00691 %            | ✓          |                |
| 47 | coronene<br>205-881-7 191-07-1   |           |            |          | <0.4 mg/kg        |              | <0.4 mg/kg     | <0.00004 %           |            | <LOD           |
| 48 | bis(2-chloroethyl) ether<br>603-029-00-2 203-870-1 111-44-4  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 49 | benzyl alcohol<br>603-057-00-5 202-859-9 100-51-6  |           |            |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
| 50 | hexachloroethane<br>200-666-4 67-72-1  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 51 | nitrosodipropylamine<br>612-098-00-8 210-698-0 621-64-7  |           |            |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
| 52 | nitrobenzene<br>609-003-00-7 202-716-0 98-95-3   |           |            |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
| 53 | 3,5,5-trimethylcyclohex-2-enone; isophorone<br>606-012-00-8 201-126-0 78-59-1  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 54 | 2-nitrophenol<br>201-857-5 88-75-5   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 55 | 3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]<br>604-006-00-X 202-439-5 [1] 95-65-8 [1]<br>202-461-5 [2] 95-87-4 [2]<br>203-321-6 [3] 105-67-9 [3]<br>208-395-3 [4] 526-75-0 [4]<br>209-400-1 [5] 576-26-1 [5]<br>215-089-3 [6] 1300-71-6 [6]<br>276-245-4 [7] 71975-58-1 [7] |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 56 | benzoic acid<br>607-705-00-8 200-618-2 65-85-0   |           |            |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
| 57 | bis(2-chloroethoxy)methane<br>203-920-2 111-91-1   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 58 | 2,4-dichlorophenol<br>604-011-00-7 204-429-6 120-83-2  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 59 | 4-chloroaniline<br>612-137-00-9 203-401-0 106-47-8   |           |            |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
| 60 | chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol<br>604-014-00-3 200-431-6 59-50-7   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 61 | 2-methyl naphthalene<br>202-078-3 91-57-6  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 62 | hexachlorocyclopentadiene<br>602-078-00-7 201-029-3 77-47-4  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 63 | 2,4,6-trichlorophenol<br>604-018-00-5 201-795-9 88-06-2  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 64 | 2,4,5-trichlorophenol<br>604-017-00-X 202-467-8 95-95-4  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 65 | 2-chloronaphthalene<br>202-079-9 91-58-7   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |

| #  | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 66 | biphenyl; diphenyl   |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    | 601-042-00-8   | 202-163-5                      | 92-52-4                        |          |                   |              |                |                      |            |                |
| 67 | dimethyl phthalate   |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 205-011-6                      | 131-11-3                       |          |                   |              |                |                      |            |                |
| 68 | 2,6-dinitrotoluene   |                                |                                |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
|    | 609-049-00-8   | 210-106-0                      | 606-20-2                       |          |                   |              |                |                      |            |                |
| 69 | 2,4-dinitrophenol  |                                |                                |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
|    | 609-041-00-4   | 200-087-7                      | 51-28-5                        |          |                   |              |                |                      |            |                |
| 70 | dibenzofuran   |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 205-071-3                      | 132-64-9                       |          |                   |              |                |                      |            |                |
| 71 | 4-nitrophenol; p-nitrophenol                                   |                                |                                |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
|    | 609-015-00-2   | 202-811-7                      | 100-02-7                       |          |                   |              |                |                      |            |                |
| 72 | 2,4-dinitrotoluene; [1] dinitrotoluene [2]                     |                                |                                |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    | 609-007-00-9   | 204-450-0 [1]<br>246-836-1 [2] | 121-14-2 [1]<br>25321-14-6 [2] |          |                   |              |                |                      |            |                |
| 73 | diethyl phthalate  |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 201-550-6                      | 84-66-2                        |          |                   |              |                |                      |            |                |
| 74 | 4-chlorophenylphenylether                                      |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 230-281-7                      | 7005-72-3                      |          |                   |              |                |                      |            |                |
| 75 | DNOC (ISO); 4,6-dinitro-o-cresol                               |                                |                                |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    | 609-020-00-X   | 208-601-1                      | 534-52-1                       |          |                   |              |                |                      |            |                |
| 76 | azobenzene   |                                |                                |          | <0.4 mg/kg        |              | <0.4 mg/kg     | <0.00004 %           |            | <LOD           |
|    | 611-001-00-6   | 203-102-5                      | 103-33-3                       |          |                   |              |                |                      |            |                |
| 77 | 4-bromophenylphenylether                                       |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 202-952-4                      | 101-55-3                       |          |                   |              |                |                      |            |                |
| 78 | pentachlorophenol  |                                |                                |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
|    | 604-002-00-8   | 201-778-6                      | 87-86-5                        |          |                   |              |                |                      |            |                |
| 79 | carbazole  |                                |                                |          | <0.4 mg/kg        |              | <0.4 mg/kg     | <0.00004 %           |            | <LOD           |
|    |  | 201-696-0                      | 86-74-8                        |          |                   |              |                |                      |            |                |
| 80 | dibutyl phthalate; DBP   |                                |                                |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    | 607-318-00-4   | 201-557-4                      | 84-74-2                        |          |                   |              |                |                      |            |                |
| 81 | BBP; benzyl butyl phthalate                                    |                                |                                |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    | 607-430-00-3   | 201-622-7                      | 85-68-7                        |          |                   |              |                |                      |            |                |
| 82 | bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP |                                |                                |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    | 607-317-00-9   | 204-211-0                      | 117-81-7                       |          |                   |              |                |                      |            |                |
| 83 | di-n-octyl phthalate   |                                |                                |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
|    |  | 204-214-7                      | 117-84-0                       |          |                   |              |                |                      |            |                |
| 84 | dichlorodifluoromethane  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    |  | 200-893-9                      | 75-71-8                        |          |                   |              |                |                      |            |                |
| 85 | chloromethane; methyl chloride                                 |                                |                                |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
|    | 602-001-00-7   | 200-817-4                      | 74-87-3                        |          |                   |              |                |                      |            |                |
| 86 | bromomethane; methylbromide                                    |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    | 602-002-00-2   | 200-813-2                      | 74-83-9                        |          |                   |              |                |                      |            |                |
| 87 | chloroethane   |                                |                                |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
|    | 602-009-00-0   | 200-830-5                      | 75-00-3                        |          |                   |              |                |                      |            |                |
| 88 | trichlorofluoromethane   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    |  | 200-892-3                      | 75-69-4                        |          |                   |              |                |                      |            |                |
| 89 | 1,1-dichloroethylene; vinylidene chloride                      |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    | 602-025-00-8   | 200-864-0                      | 75-35-4                        |          |                   |              |                |                      |            |                |
| 90 | 2,2-dichloropropane  |                                |                                |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
|    |  | 209-832-0                      | 594-20-7                       |          |                   |              |                |                      |            |                |
| 91 | bromochloromethane   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    |  | 200-826-3                      | 74-97-5                        |          |                   |              |                |                      |            |                |
| 92 | chloroform; trichloromethane                                   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    | 602-006-00-4   | 200-663-8                      | 67-66-3                        |          |                   |              |                |                      |            |                |
| 93 | 1,1,1-trichloroethane; methyl chloroform                       |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    | 602-013-00-2   | 200-756-3                      | 71-55-6                        |          |                   |              |                |                      |            |                |
| 94 | 1,1-dichloropropene  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    | 602-031-00-0   | 209-253-3                      | 563-58-6                       |          |                   |              |                |                      |            |                |

| #   | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|-----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|     | EU CLP index number                                  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 95  | 1,2-dichloropropane; propylene dichloride            |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-020-00-0   | 201-152-2                      | 78-87-5                        |          |                   |              |                |                      |            |                |
| 96  | dibromomethane                                       |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-003-00-8   | 200-824-2                      | 74-95-3                        |          |                   |              |                |                      |            |                |
| 97  | bromodichloromethane                                 |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 200-856-7                      | 75-27-4                        |          |                   |              |                |                      |            |                |
| 98  | 1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-030-00-5   | 208-826-5 [1]<br>233-195-8 [2] | 542-75-6 [1]<br>10061-01-5 [2] |          |                   |              |                |                      |            |                |
| 99  | trans-1,3-dichloropropene                            |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 431-460-4                      | 10061-02-6                     |          |                   |              |                |                      |            |                |
| 100 | 1,1,2-trichloroethane                                |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-014-00-8   | 201-166-9                      | 79-00-5                        |          |                   |              |                |                      |            |                |
| 101 | 1,3-dichloropropane                                  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 205-531-3                      | 142-28-9                       |          |                   |              |                |                      |            |                |
| 102 | dibromochloromethane                                 |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 204-704-0                      | 124-48-1                       |          |                   |              |                |                      |            |                |
| 103 | 1,2-dibromoethane                                    |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-010-00-6   | 203-444-5                      | 106-93-4                       |          |                   |              |                |                      |            |                |
| 104 | chlorobenzene  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-033-00-1   | 203-628-5                      | 108-90-7                       |          |                   |              |                |                      |            |                |
| 105 | 1,1,1,2-tetrachloroethane                            |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 211-135-1                      | 630-20-6                       |          |                   |              |                |                      |            |                |
| 106 | styrene  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 601-026-00-0   | 202-851-5                      | 100-42-5                       |          |                   |              |                |                      |            |                |
| 107 | bromoform; tribromomethane                           |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-007-00-X   | 200-854-6                      | 75-25-2                        |          |                   |              |                |                      |            |                |
| 108 | 1,1,2,2-tetrachloroethane                            |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-015-00-3   | 201-197-8                      | 79-34-5                        |          |                   |              |                |                      |            |                |
| 109 | bromobenzene   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-060-00-9   | 203-623-8                      | 108-86-1                       |          |                   |              |                |                      |            |                |
| 110 | 1,2,3-trichloropropane                               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-062-00-X   | 202-486-1                      | 96-18-4                        |          |                   |              |                |                      |            |                |
| 111 | mesitylene; 1,3,5-trimethylbenzene                   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 601-025-00-5   | 203-604-4                      | 108-67-8                       |          |                   |              |                |                      |            |                |
| 112 | tert-butylbenzene                                    |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 202-632-4                      | 98-06-6                        |          |                   |              |                |                      |            |                |
| 113 | 1,2,4-trimethylbenzene                               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 601-043-00-3   | 202-436-9                      | 95-63-6                        |          |                   |              |                |                      |            |                |
| 114 | sec-butylbenzene                                     |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 205-227-0                      | 135-98-8                       |          |                   |              |                |                      |            |                |
| 115 | 4-isopropyltoluene                                   |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 202-796-7                      | 99-87-6                        |          |                   |              |                |                      |            |                |
| 116 | 1,3-dichlorobenzene                                  |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-067-00-7   | 208-792-1                      | 541-73-1                       |          |                   |              |                |                      |            |                |
| 117 | 1,4-dichlorobenzene; p-dichlorobenzene               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-035-00-2   | 203-400-5                      | 106-46-7                       |          |                   |              |                |                      |            |                |
| 118 | n-butylbenzene                                       |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     |  | 203-209-7                      | 104-51-8                       |          |                   |              |                |                      |            |                |
| 119 | 1,2-dichlorobenzene; o-dichlorobenzene               |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-034-00-7   | 202-425-9                      | 95-50-1                        |          |                   |              |                |                      |            |                |
| 120 | 1,2-dibromo-3-chloropropane                          |                                |                                |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|     | 602-021-00-6   | 202-479-3                      | 96-12-8                        |          |                   |              |                |                      |            |                |
| 121 | 1,2,4-trichlorobenzene                               |                                |                                |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
|     | 602-087-00-6   | 204-428-0                      | 120-82-1                       |          |                   |              |                |                      |            |                |
| 122 | hexachlorobutadiene                                  |                                |                                |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
|     |  | 201-765-5                      | 87-68-3                        |          |                   |              |                |                      |            |                |
| 123 | 1,2,3-trichlorobenzene                               |                                |                                |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
|     |  | 201-757-1                      | 87-61-6                        |          |                   |              |                |                      |            |                |

| #      | Determinand  |  |   | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|--|---|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number  | EC Number  | CAS Number  |          |                   |              |                |                      |            |                |
| 124    | 2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]     |  |   |          | <0.8 mg/kg        |              | <0.8 mg/kg     | <0.00008 %           |            | <LOD           |
|        | 604-008-00-0   | 202-433-2 [1]<br>203-402-6 [2]<br>203-582-6 [3]<br>246-691-4 [4] | 95-57-8 [1]<br>106-48-9 [2]<br>108-43-0 [3]<br>25167-80-0 [4] |          |                   |              |                |                      |            |                |
| 125    | 1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]   |  |   |          | <0.008 mg/kg      |              | <0.008 mg/kg   | <0.0000008 %         |            | <LOD           |
|        | 602-026-00-3   | 208-750-2 [1]<br>205-859-7 [2]<br>205-860-2 [3]                  | 540-59-0 [1]<br>156-59-2 [2]<br>156-60-5 [3]                  |          |                   |              |                |                      |            |                |
| 126    | cumene; [1] propylbenzene [2]  |  |   |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
|        | 601-024-00-X   | 202-704-5 [1]<br>203-132-9 [2]                                   | 98-82-8 [1]<br>103-65-1 [2]                                   |          |                   |              |                |                      |            |                |
| 127    | 2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] |  |   |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
|        | 602-040-00-X   | 202-424-3 [1]<br>203-580-5 [2]<br>203-397-0 [3]<br>246-698-2 [4] | 95-49-8 [1]<br>108-41-8 [2]<br>106-43-4 [3]<br>25168-05-2 [4] |          |                   |              |                |                      |            |                |
| Total: |  |  |   |          |                   |              |                | 0.0659 %             |            |                |

#### 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 because** Hazard Property HP 3(i) Flammable on account of TPH. 'Flammable liquid waste' defined as 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). The flammability risk of the materials can only be confirmed by means of flash point testing, which was not undertaken as part of the ground investigation. However, the hazardous property HP3(i) relates to liquid waste and the materials sampled were solid. In order to assess the Hazard HP3, the 'decision tree' presented in the WM3 guidance for 'Waste soil' in relation to Hazard HP 3 was followed. The assessment process indicated that the Hazard Property HP 3(i) in the samples listed above can be discounted. The samples are therefore not considered to be 'truly hazardous' by virtue of HP 3(i) and a non-hazardous class is considered most appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00203%)

Classification of sample: BH104-7-ES-0.50-11/05/2023

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

**Sample details**

|                                   |           |   |
|-----------------------------------|-----------|---|
| Sample name:                      | LoW Code: |   |
| <b>BH104-7-ES-0.50-11/05/2023</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>0.50 m</b>                     |           |   |
| Moisture content:                 |           |   |
| <b>21.1%</b>                      |           |   |
| (wet weight correction)           |           |   |

**Hazard properties**

None identified

**Determinands**


Moisture content: 21.1% Wet Weight Moisture Correction applied (MC)

| #  | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 1  | antimony { antimony trioxide }   |                                |                                |          | 0.4 mg/kg         | 1.197        | 0.378 mg/kg    | 0.0000378 %          | ✓          |                |
|    | 051-005-00-X   | 215-175-0                      | 1309-64-4                      |          |                   |              |                |                      |            |                |
| 2  | arsenic { arsenic trioxide }   |                                |                                |          | 13.2 mg/kg        | 1.32         | 13.751 mg/kg   | 0.00138 %            | ✓          |                |
|    | 033-003-00-0   | 215-481-4                      | 1327-53-3                      |          |                   |              |                |                      |            |                |
| 3  | beryllium { beryllium oxide }  |                                |                                |          | 0.79 mg/kg        | 2.775        | 1.73 mg/kg     | 0.000173 %           | ✓          |                |
|    | 004-003-00-8   | 215-133-1                      | 1304-56-9                      |          |                   |              |                |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }  |                                |                                |          | 2.7 mg/kg         | 3.22         | 6.859 mg/kg    | 0.000686 %           | ✓          |                |
|    | 005-008-00-8   | 215-125-8                      | 1303-86-2                      |          |                   |              |                |                      |            |                |
| 5  | cadmium { cadmium oxide }  |                                |                                |          | 0.9 mg/kg         | 1.142        | 0.811 mg/kg    | 0.0000811 %          | ✓          |                |
|    | 048-002-00-0   | 215-146-2                      | 1306-19-0                      |          |                   |              |                |                      |            |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }   |                                |                                |          | 28.2 mg/kg        | 1.462        | 32.519 mg/kg   | 0.00325 %            | ✓          |                |
|    |  | 215-160-9                      | 1308-38-9                      |          |                   |              |                |                      |            |                |
| 7  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                |          | <0.2 mg/kg        | 2.27         | <0.454 mg/kg   | <0.0000454 %         |            | <LOD           |
|    |  |                                |                                |          |                   |              |                |                      |            |                |
| 8  | copper { dicopper oxide; copper (I) oxide }  |                                |                                |          | 34.2 mg/kg        | 1.126        | 30.381 mg/kg   | 0.00304 %            | ✓          |                |
|    | 029-002-00-X   | 215-270-7                      | 1317-39-1                      |          |                   |              |                |                      |            |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }   |                                |                                | 1        | 41.6 mg/kg        |              | 32.822 mg/kg   | 0.00328 %            | ✓          |                |
|    |  |                                |                                |          |                   |              |                |                      |            |                |
| 10 | mercury { mercury dichloride }   |                                |                                |          | <0.5 mg/kg        | 1.353        | <0.677 mg/kg   | <0.0000677 %         |            | <LOD           |
|    | 080-010-00-X   | 231-299-8                      | 7487-94-7                      |          |                   |              |                |                      |            |                |
| 11 | nickel { nickel sulfate }  |                                |                                |          | 31.3 mg/kg        | 2.637        | 65.115 mg/kg   | 0.00651 %            | ✓          |                |
|    | 028-009-00-5   | 232-104-9                      | 7786-81-4                      |          |                   |              |                |                      |            |                |
| 12 | selenium { nickel selenate }   |                                |                                |          | <0.5 mg/kg        | 2.554        | <1.277 mg/kg   | <0.000128 %          |            | <LOD           |
|    | 028-031-00-5   | 239-125-2                      | 15060-62-5                     |          |                   |              |                |                      |            |                |
| 13 | zinc { zinc sulphate }   |                                |                                |          | 146.2 mg/kg       | 2.469        | 284.838 mg/kg  | 0.0285 %             | ✓          |                |
|    | 030-006-00-9   | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |              |                |                      |            |                |
| 14 | TPH (C6 to C40) petroleum group  |                                |                                |          | 42.1 mg/kg        |              | 33.217 mg/kg   | 0.00332 %            | ✓          |                |
|    |  |                                | TPH                            |          |                   |              |                |                      |            |                |

| #      | 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   |          |                   |              |                |                      |            |                |
| 15     | benzene<br>601-020-00-8  | 200-753-7  | 71-43-2  |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 16     | toluene<br>601-021-00-3  | 203-625-9  | 108-88-3   |          | <0.007 mg/kg      |              | <0.007 mg/kg   | <0.0000007 %         |            | <LOD           |
| 17     | ethylbenzene<br>601-023-00-4   | 202-849-4  | 100-41-4   |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
| 18     | 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] |          | <0.046 mg/kg      |              | <0.046 mg/kg   | <0.0000046 %         |            | <LOD           |
| 19     | 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 }<br>006-007-00-5 |  |  |          | <0.6 mg/kg        | 1.884        | <1.13 mg/kg    | <0.000113 %          |            | <LOD           |
| 20     | pH   |  | PH   |          | 8.2 pH            |              | 8.2 pH         | 8.2 pH               |            |                |
| 21     | naphthalene<br>601-052-00-2  | 202-049-5  | 91-20-3  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 22     | acenaphthylene<br>601-053-00-5   | 205-917-1  | 208-96-8   |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 23     | acenaphthene<br>601-054-00-6   | 201-469-6  | 83-32-9  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 24     | fluorene<br>601-055-00-7   | 201-695-5  | 86-73-7  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 25     | phenanthrene<br>601-056-00-8   | 201-581-5  | 85-01-8  |          | 0.2 mg/kg         |              | 0.158 mg/kg    | 0.0000158 %          | ✓          |                |
| 26     | anthracene<br>601-057-00-9   | 204-371-1  | 120-12-7   |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 27     | fluoranthene<br>601-058-00-0   | 205-912-4  | 206-44-0   |          | 0.41 mg/kg        |              | 0.323 mg/kg    | 0.0000323 %          | ✓          |                |
| 28     | pyrene<br>601-059-00-1   | 204-927-3  | 129-00-0   |          | 0.35 mg/kg        |              | 0.276 mg/kg    | 0.0000276 %          | ✓          |                |
| 29     | benzo[a]anthracene<br>601-033-00-9   | 200-280-6  | 56-55-3  |          | 0.18 mg/kg        |              | 0.142 mg/kg    | 0.0000142 %          | ✓          |                |
| 30     | chrysene<br>601-048-00-0   | 205-923-4  | 218-01-9   |          | 0.23 mg/kg        |              | 0.181 mg/kg    | 0.0000181 %          | ✓          |                |
| 31     | benzo[b]fluoranthene<br>601-034-00-4   | 205-911-9  | 205-99-2   |          | 0.27 mg/kg        |              | 0.213 mg/kg    | 0.0000213 %          | ✓          |                |
| 32     | benzo[k]fluoranthene<br>601-036-00-5   | 205-916-6  | 207-08-9   |          | 0.12 mg/kg        |              | 0.0947 mg/kg   | 0.00000947 %         | ✓          |                |
| 33     | benzo[a]pyrene; benzo[def]chrysene<br>601-032-00-3   | 200-028-5  | 50-32-8  |          | 0.22 mg/kg        |              | 0.174 mg/kg    | 0.0000174 %          | ✓          |                |
| 34     | indeno[123-cd]pyrene<br>601-035-00-4   | 205-893-2  | 193-39-5   |          | 0.12 mg/kg        |              | 0.0947 mg/kg   | 0.00000947 %         | ✓          |                |
| 35     | dibenz[a,h]anthracene<br>601-041-00-2  | 200-181-8  | 53-70-3  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 36     | benzo[ghi]perylene<br>601-042-00-3   | 205-883-8  | 191-24-2   |          | 0.12 mg/kg        |              | 0.0947 mg/kg   | 0.00000947 %         | ✓          |                |
| 37     | phenol<br>604-001-00-2   | 203-632-7  | 108-95-2   |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 38     | vanadium { divanadium pentaoxide; vanadium pentoxide }<br>023-001-00-8   |  |  |          | 35.7 mg/kg        | 1.785        | 50.284 mg/kg   | 0.00503 %            | ✓          |                |
| Total: |  |  |  |          |                   |              |                | 0.0559 %             |            |                |



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 |
| <b>&lt;LOD</b>  | 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 because** Hazard Property HP 3(i) Flammable on account of TPH. 'Flammable liquid waste' defined as 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). The flammability risk of the materials can only be confirmed by means of flash point testing, which was not undertaken as part of the ground investigation. However, the hazardous property HP3(i) relates to liquid waste and the materials sampled were solid. In order to assess the Hazard HP3, the 'decision tree' presented in the WM3 guidance for 'Waste soil' in relation to Hazard HP 3 was followed. The assessment process indicated that the Hazard Property HP 3(i) in the samples listed above can be discounted. The samples are therefore not considered to be 'truly hazardous' by virtue of HP 3(i) and a non-hazardous class is considered most appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00332%)

Classification of sample: BH104-10-ES-1.40-11/05/2023

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

**Sample details**

|                                    |           |   |
|------------------------------------|-----------|---|
| Sample name:                       | LoW Code: |   |
| <b>BH104-10-ES-1.40-11/05/2023</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>1.40 m</b>                      |           |   |
| Moisture content:                  |           |   |
| <b>25.5%</b>                       |           |   |
| (wet weight correction)            |           |   |

**Hazard properties**

None identified


**Determinands**

Moisture content: 25.5% Wet Weight Moisture Correction applied (MC)

| #  | Determinand   |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. |              | Classification value | MC Applied | Conc. Not Used |
|----|---|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|--------------|----------------------|------------|----------------|
|    | EU CLP index number   | EC Number                      | CAS Number                     |          |                   |              |                |              |                      |            |                |
| 1  | antimony { antimony trioxide }  |                                |                                |          | <0.1 mg/kg        | 1.197        | <0.12 mg/kg    | <0.000012 %  |                      |            | <LOD           |
|    | 051-005-00-X  | 215-175-0                      | 1309-64-4                      |          |                   |              |                |              |                      |            |                |
| 2  | arsenic { arsenic trioxide }  |                                |                                |          | 2.9 mg/kg         | 1.32         | 2.853 mg/kg    | 0.000285 %   | ✓                    |            |                |
|    | 033-003-00-0  | 215-481-4                      | 1327-53-3                      |          |                   |              |                |              |                      |            |                |
| 3  | beryllium { beryllium oxide }   |                                |                                |          | 0.86 mg/kg        | 2.775        | 1.778 mg/kg    | 0.000178 %   | ✓                    |            |                |
|    | 004-003-00-8  | 215-133-1                      | 1304-56-9                      |          |                   |              |                |              |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }   |                                |                                |          | 1.3 mg/kg         | 3.22         | 3.118 mg/kg    | 0.000312 %   | ✓                    |            |                |
|    | 005-008-00-8  | 215-125-8                      | 1303-86-2                      |          |                   |              |                |              |                      |            |                |
| 5  | cadmium { cadmium oxide }   |                                |                                |          | <0.2 mg/kg        | 1.142        | <0.228 mg/kg   | <0.0000228 % |                      |            | <LOD           |
|    | 048-002-00-0  | 215-146-2                      | 1306-19-0                      |          |                   |              |                |              |                      |            |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }  |                                |                                |          | 30.8 mg/kg        | 1.462        | 33.537 mg/kg   | 0.00335 %    | ✓                    |            |                |
|    |   | 215-160-9                      | 1308-38-9                      |          |                   |              |                |              |                      |            |                |
| 7  | chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                |          | <0.2 mg/kg        | 2.27         | <0.454 mg/kg   | <0.0000454 % |                      |            | <LOD           |
|    |   |                                |                                |          |                   |              |                |              |                      |            |                |
| 8  | copper { dicopper oxide; copper (I) oxide }   |                                |                                |          | 23.5 mg/kg        | 1.126        | 19.711 mg/kg   | 0.00197 %    | ✓                    |            |                |
|    | 029-002-00-X  | 215-270-7                      | 1317-39-1                      |          |                   |              |                |              |                      |            |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }  |                                |                                | 1        | 12 mg/kg          |              | 8.94 mg/kg     | 0.000894 %   | ✓                    |            |                |
|    | 082-001-00-6  |                                |                                |          |                   |              |                |              |                      |            |                |
| 10 | mercury { mercury dichloride }  |                                |                                |          | <0.5 mg/kg        | 1.353        | <0.677 mg/kg   | <0.0000677 % |                      |            | <LOD           |
|    | 080-010-00-X  | 231-299-8                      | 7487-94-7                      |          |                   |              |                |              |                      |            |                |
| 11 | nickel { nickel sulfate }   |                                |                                |          | 37.2 mg/kg        | 2.637        | 73.073 mg/kg   | 0.00731 %    | ✓                    |            |                |
|    | 028-009-00-5  | 232-104-9                      | 7786-81-4                      |          |                   |              |                |              |                      |            |                |
| 12 | selenium { nickel selenate }  |                                |                                |          | <0.5 mg/kg        | 2.554        | <1.277 mg/kg   | <0.000128 %  |                      |            | <LOD           |
|    | 028-031-00-5  | 239-125-2                      | 15060-62-5                     |          |                   |              |                |              |                      |            |                |
| 13 | zinc { zinc sulphate }  |                                |                                |          | 27.8 mg/kg        | 2.469        | 51.142 mg/kg   | 0.00511 %    | ✓                    |            |                |
|    | 030-006-00-9  | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |              |                |              |                      |            |                |
| 14 | TPH (C6 to C40) petroleum group   |                                |                                |          | 37.1 mg/kg        |              | 27.64 mg/kg    | 0.00276 %    | ✓                    |            |                |
|    |   |                                | TPH                            |          |                   |              |                |              |                      |            |                |

| #      | 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   |          |                   |              |                |                      |            |                |
| 15     | benzene  |  |  |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|        | 601-020-00-8   | 200-753-7  | 71-43-2  |          |                   |              |                |                      |            |                |
| 16     | toluene  |  |  |          | <0.007 mg/kg      |              | <0.007 mg/kg   | <0.0000007 %         |            | <LOD           |
|        | 601-021-00-3   | 203-625-9  | 108-88-3   |          |                   |              |                |                      |            |                |
| 17     | ethylbenzene   |  |  |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
|        | 601-023-00-4   | 202-849-4  | 100-41-4   |          |                   |              |                |                      |            |                |
| 18     | xylene   |  |  |          | <0.049 mg/kg      |              | <0.049 mg/kg   | <0.0000049 %         |            | <LOD           |
|        | 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] |          |                   |              |                |                      |            |                |
| 19     | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } |  |  |          | <0.7 mg/kg        | 1.884        | <1.319 mg/kg   | <0.000132 %          |            | <LOD           |
|        | 006-007-00-5   |  |  |          |                   |              |                |                      |            |                |
| 20     | pH   |  |  |          | 8.4 pH            |              | 8.4 pH         | 8.4 pH               |            |                |
|        |  |  | PH   |          |                   |              |                |                      |            |                |
| 21     | naphthalene  |  |  |          | <0.11 mg/kg       |              | <0.11 mg/kg    | <0.000011 %          |            | <LOD           |
|        | 601-052-00-2   | 202-049-5  | 91-20-3  |          |                   |              |                |                      |            |                |
| 22     | acenaphthylene   |  |  |          | <0.11 mg/kg       |              | <0.11 mg/kg    | <0.000011 %          |            | <LOD           |
|        |  | 205-917-1  | 208-96-8   |          |                   |              |                |                      |            |                |
| 23     | acenaphthene   |  |  |          | <0.11 mg/kg       |              | <0.11 mg/kg    | <0.000011 %          |            | <LOD           |
|        |  | 201-469-6  | 83-32-9  |          |                   |              |                |                      |            |                |
| 24     | fluorene   |  |  |          | <0.11 mg/kg       |              | <0.11 mg/kg    | <0.000011 %          |            | <LOD           |
|        |  | 201-695-5  | 86-73-7  |          |                   |              |                |                      |            |                |
| 25     | phenanthrene   |  |  |          | <0.11 mg/kg       |              | <0.11 mg/kg    | <0.000011 %          |            | <LOD           |
|        |  | 201-581-5  | 85-01-8  |          |                   |              |                |                      |            |                |
| 26     | anthracene   |  |  |          | <0.11 mg/kg       |              | <0.11 mg/kg    | <0.000011 %          |            | <LOD           |
|        |  | 204-371-1  | 120-12-7   |          |                   |              |                |                      |            |                |
| 27     | fluoranthene   |  |  |          | <0.11 mg/kg       |              | <0.11 mg/kg    | <0.000011 %          |            | <LOD           |
|        |  | 205-912-4  | 206-44-0   |          |                   |              |                |                      |            |                |
| 28     | pyrene   |  |  |          | <0.11 mg/kg       |              | <0.11 mg/kg    | <0.000011 %          |            | <LOD           |
|        |  | 204-927-3  | 129-00-0   |          |                   |              |                |                      |            |                |
| 29     | benzo[a]anthracene   |  |  |          | <0.11 mg/kg       |              | <0.11 mg/kg    | <0.000011 %          |            | <LOD           |
|        | 601-033-00-9   | 200-280-6  | 56-55-3  |          |                   |              |                |                      |            |                |
| 30     | chrysene   |  |  |          | <0.11 mg/kg       |              | <0.11 mg/kg    | <0.000011 %          |            | <LOD           |
|        | 601-048-00-0   | 205-923-4  | 218-01-9   |          |                   |              |                |                      |            |                |
| 31     | benzo[b]fluoranthene   |  |  |          | <0.11 mg/kg       |              | <0.11 mg/kg    | <0.000011 %          |            | <LOD           |
|        | 601-034-00-4   | 205-911-9  | 205-99-2   |          |                   |              |                |                      |            |                |
| 32     | benzo[k]fluoranthene   |  |  |          | <0.11 mg/kg       |              | <0.11 mg/kg    | <0.000011 %          |            | <LOD           |
|        | 601-036-00-5   | 205-916-6  | 207-08-9   |          |                   |              |                |                      |            |                |
| 33     | benzo[a]pyrene; benzo[def]chrysene   |  |  |          | <0.11 mg/kg       |              | <0.11 mg/kg    | <0.000011 %          |            | <LOD           |
|        | 601-032-00-3   | 200-028-5  | 50-32-8  |          |                   |              |                |                      |            |                |
| 34     | indeno[123-cd]pyrene   |  |  |          | <0.11 mg/kg       |              | <0.11 mg/kg    | <0.000011 %          |            | <LOD           |
|        |  | 205-893-2  | 193-39-5   |          |                   |              |                |                      |            |                |
| 35     | dibenz[a,h]anthracene  |  |  |          | <0.11 mg/kg       |              | <0.11 mg/kg    | <0.000011 %          |            | <LOD           |
|        | 601-041-00-2   | 200-181-8  | 53-70-3  |          |                   |              |                |                      |            |                |
| 36     | benzo[ghi]perylene   |  |  |          | <0.11 mg/kg       |              | <0.11 mg/kg    | <0.000011 %          |            | <LOD           |
|        |  | 205-883-8  | 191-24-2   |          |                   |              |                |                      |            |                |
| 37     | phenol   |  |  |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
|        | 604-001-00-2   | 203-632-7  | 108-95-2   |          |                   |              |                |                      |            |                |
| 38     | vanadium { divanadium pentaoxide; vanadium pentoxide }   |  |  |          | 18 mg/kg          | 1.785        | 23.939 mg/kg   | 0.00239 %            | ✓          |                |
|        | 023-001-00-8   | 215-239-8  | 1314-62-1  |          |                   |              |                |                      |            |                |
| Total: |  |  |  |          |                   |              |                | 0.0252 %             |            |                |

## 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 because** Hazard Property HP 3(i) Flammable on account of TPH. 'Flammable liquid waste' defined as 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). The flammability risk of the materials can only be confirmed by means of flash point testing, which was not undertaken as part of the ground investigation. However, the hazardous property HP3(i) relates to liquid waste and the materials sampled were solid. In order to assess the Hazard HP3, the 'decision tree' presented in the WM3 guidance for 'Waste soil' in relation to Hazard HP 3 was followed. The assessment process indicated that the Hazard Property HP 3(i) in the samples listed above can be discounted. The samples are therefore not considered to be 'truly hazardous' by virtue of HP 3(i) and a non-hazardous class is considered most appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00276%)

Classification of sample: TP101-7-ES-0.10-10/05/2023

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

**Sample details**

|                                   |           |   |
|-----------------------------------|-----------|---|
| Sample name:                      | LoW Code: |   |
| <b>TP101-7-ES-0.10-10/05/2023</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>5%</b>                         |           |   |
| (wet weight correction)           |           |   |

**Hazard properties**

None identified

**Determinands**

Moisture content: 5% Wet Weight Moisture Correction applied (MC)

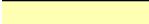



| #  | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 1  | antimony { antimony trioxide }   |                                |                                |          | 0.7 mg/kg         | 1.197        | 0.796 mg/kg    | 0.0000796 %          | ✓          |                |
|    | 051-005-00-X   | 215-175-0                      | 1309-64-4                      |          |                   |              |                |                      |            |                |
| 2  | arsenic { arsenic trioxide }   |                                |                                |          | 21.5 mg/kg        | 1.32         | 26.968 mg/kg   | 0.0027 %             | ✓          |                |
|    | 033-003-00-0   | 215-481-4                      | 1327-53-3                      |          |                   |              |                |                      |            |                |
| 3  | beryllium { beryllium oxide }  |                                |                                |          | 0.12 mg/kg        | 2.775        | 0.316 mg/kg    | 0.0000316 %          | ✓          |                |
|    | 004-003-00-8   | 215-133-1                      | 1304-56-9                      |          |                   |              |                |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }  |                                |                                |          | 0.6 mg/kg         | 3.22         | 1.835 mg/kg    | 0.000184 %           | ✓          |                |
|    | 005-008-00-8   | 215-125-8                      | 1303-86-2                      |          |                   |              |                |                      |            |                |
| 5  | cadmium { cadmium oxide }  |                                |                                |          | 1 mg/kg           | 1.142        | 1.085 mg/kg    | 0.000109 %           | ✓          |                |
|    | 048-002-00-0   | 215-146-2                      | 1306-19-0                      |          |                   |              |                |                      |            |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }   |                                |                                |          | 10.1 mg/kg        | 1.462        | 14.024 mg/kg   | 0.0014 %             | ✓          |                |
|    |  | 215-160-9                      | 1308-38-9                      |          |                   |              |                |                      |            |                |
| 7  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                |          | <0.1 mg/kg        | 2.27         | <0.227 mg/kg   | <0.0000227 %         |            | <LOD           |
|    | 024-017-00-8   |                                |                                |          |                   |              |                |                      |            |                |
| 8  | copper { dicopper oxide; copper (I) oxide }  |                                |                                |          | 11.1 mg/kg        | 1.126        | 11.872 mg/kg   | 0.00119 %            | ✓          |                |
|    | 029-002-00-X   | 215-270-7                      | 1317-39-1                      |          |                   |              |                |                      |            |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }   |                                |                                | 1        | 65.5 mg/kg        |              | 62.225 mg/kg   | 0.00622 %            | ✓          |                |
|    | 082-001-00-6   |                                |                                |          |                   |              |                |                      |            |                |
| 10 | mercury { mercury dichloride }   |                                |                                |          | 2.2 mg/kg         | 1.353        | 2.829 mg/kg    | 0.000283 %           | ✓          |                |
|    | 080-010-00-X   | 231-299-8                      | 7487-94-7                      |          |                   |              |                |                      |            |                |
| 11 | nickel { nickel sulfate }  |                                |                                |          | 13.9 mg/kg        | 2.637        | 34.817 mg/kg   | 0.00348 %            | ✓          |                |
|    | 028-009-00-5   | 232-104-9                      | 7786-81-4                      |          |                   |              |                |                      |            |                |
| 12 | selenium { nickel selenate }   |                                |                                |          | <0.5 mg/kg        | 2.554        | <1.277 mg/kg   | <0.000128 %          |            | <LOD           |
|    | 028-031-00-5   | 239-125-2                      | 15060-62-5                     |          |                   |              |                |                      |            |                |
| 13 | zinc { zinc sulphate }   |                                |                                |          | 184.7 mg/kg       | 2.469        | 433.275 mg/kg  | 0.0433 %             | ✓          |                |
|    | 030-006-00-9   | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |              |                |                      |            |                |
| 14 | TPH (C6 to C40) petroleum group  |                                |                                |          | <0.211 mg/kg      |              | <0.211 mg/kg   | <0.0000211 %         |            | <LOD           |
|    |  |                                | TPH                            |          |                   |              |                |                      |            |                |

| #      | 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   |          |                   |              |                |                      |            |                |
| 15     | benzene<br>601-020-00-8  | 200-753-7  | 71-43-2  |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 16     | toluene<br>601-021-00-3  | 203-625-9  | 108-88-3   |          | <0.005 mg/kg      |              | <0.005 mg/kg   | <0.000005 %          |            | <LOD           |
| 17     | ethylbenzene<br>601-023-00-4   | 202-849-4  | 100-41-4   |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.000002 %          |            | <LOD           |
| 18     | 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] |          | <0.038 mg/kg      |              | <0.038 mg/kg   | <0.000038 %          |            | <LOD           |
| 19     | 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 }<br>006-007-00-5 |  |  |          | <0.5 mg/kg        | 1.884        | <0.942 mg/kg   | <0.0000942 %         |            | <LOD           |
| 20     | pH<br>PH   |  |  |          | 8.7 pH            |              | 8.7 pH         | 8.7 pH               |            |                |
| 21     | naphthalene<br>601-052-00-2  | 202-049-5  | 91-20-3  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
| 22     | acenaphthylene<br>205-917-1  | 208-96-8   |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
| 23     | acenaphthene<br>201-469-6  | 83-32-9  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
| 24     | fluorene<br>201-695-5  | 86-73-7  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
| 25     | phenanthrene<br>201-581-5  | 85-01-8  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
| 26     | anthracene<br>204-371-1  | 120-12-7   |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
| 27     | fluoranthene<br>205-912-4  | 206-44-0   |  |          | 0.14 mg/kg        |              | 0.133 mg/kg    | 0.0000133 %          | ✓          |                |
| 28     | pyrene<br>204-927-3  | 129-00-0   |  |          | 0.12 mg/kg        |              | 0.114 mg/kg    | 0.0000114 %          | ✓          |                |
| 29     | benzo[a]anthracene<br>601-033-00-9   | 200-280-6  | 56-55-3  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
| 30     | chrysene<br>601-048-00-0   | 205-923-4  | 218-01-9   |          | 0.1 mg/kg         |              | 0.095 mg/kg    | 0.0000095 %          | ✓          |                |
| 31     | benzo[b]fluoranthene<br>601-034-00-4   | 205-911-9  | 205-99-2   |          | 0.13 mg/kg        |              | 0.124 mg/kg    | 0.0000124 %          | ✓          |                |
| 32     | benzo[k]fluoranthene<br>601-036-00-5   | 205-916-6  | 207-08-9   |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
| 33     | benzo[a]pyrene; benzo[def]chrysene<br>601-032-00-3   | 200-028-5  | 50-32-8  |          | 0.1 mg/kg         |              | 0.095 mg/kg    | 0.0000095 %          | ✓          |                |
| 34     | indeno[123-cd]pyrene<br>205-893-2  | 193-39-5   |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
| 35     | dibenz[a,h]anthracene<br>601-041-00-2  | 200-181-8  | 53-70-3  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
| 36     | benzo[ghi]perylene<br>205-883-8  | 191-24-2   |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
| 37     | phenol<br>604-001-00-2   | 203-632-7  | 108-95-2   |          | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
| 38     | vanadium { divanadium pentaoxide; vanadium pentoxide }<br>023-001-00-8   | 215-239-8  | 1314-62-1  |          | 10 mg/kg          | 1.785        | 16.959 mg/kg   | 0.0017 %             | ✓          |                |
| Total: |  |  |  |          |                   |              |                | 0.0612 %             |            |                |

---

Key

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|   |   |
|---|---|
|  | 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 |
| <b>&lt;LOD</b>  | Below limit of detection  |
| CLP: Note 1   | Only the metal concentration has been used for classification   |

**Classification of sample: TP104-9-ES-0.60-10/05/2023**

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

**Sample details**

|                                   |  |
|-----------------------------------|--|
| Sample name:                      | LoW Code:  |
| <b>TP104-9-ES-0.60-10/05/2023</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>0.60 m</b>                     |  |
| Moisture content:                 |  |
| <b>21.1%</b>                      |  |
| (wet weight correction)           |  |

**Hazard properties**

None identified

**Determinands**


Moisture content: 21.1% Wet Weight Moisture Correction applied (MC)

| #  | Determinand   |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|---|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number   | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 1  | antimony { antimony trioxide }  |                                |                                |          | 0.3 mg/kg         | 1.197        | 0.283 mg/kg    | 0.0000283 %          | ✓          |                |
|    | 051-005-00-X  | 215-175-0                      | 1309-64-4                      |          |                   |              |                |                      |            |                |
| 2  | arsenic { arsenic trioxide }  |                                |                                |          | 15.6 mg/kg        | 1.32         | 16.251 mg/kg   | 0.00163 %            | ✓          |                |
|    | 033-003-00-0  | 215-481-4                      | 1327-53-3                      |          |                   |              |                |                      |            |                |
| 3  | beryllium { beryllium oxide }   |                                |                                |          | 1.02 mg/kg        | 2.775        | 2.234 mg/kg    | 0.000223 %           | ✓          |                |
|    | 004-003-00-8  | 215-133-1                      | 1304-56-9                      |          |                   |              |                |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }   |                                |                                |          | 2.4 mg/kg         | 3.22         | 6.097 mg/kg    | 0.00061 %            | ✓          |                |
|    | 005-008-00-8  | 215-125-8                      | 1303-86-2                      |          |                   |              |                |                      |            |                |
| 5  | cadmium { cadmium oxide }   |                                |                                |          | 0.8 mg/kg         | 1.142        | 0.721 mg/kg    | 0.0000721 %          | ✓          |                |
|    | 048-002-00-0  | 215-146-2                      | 1306-19-0                      |          |                   |              |                |                      |            |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }  |                                |                                |          | 42.1 mg/kg        | 1.462        | 48.548 mg/kg   | 0.00485 %            | ✓          |                |
|    |   | 215-160-9                      | 1308-38-9                      |          |                   |              |                |                      |            |                |
| 7  | chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                |          | <0.2 mg/kg        | 2.27         | <0.454 mg/kg   | <0.0000454 %         |            | <LOD           |
|    | 024-017-00-8  |                                |                                |          |                   |              |                |                      |            |                |
| 8  | copper { dicopper oxide; copper (I) oxide }   |                                |                                |          | 38.2 mg/kg        | 1.126        | 33.934 mg/kg   | 0.00339 %            | ✓          |                |
|    | 029-002-00-X  | 215-270-7                      | 1317-39-1                      |          |                   |              |                |                      |            |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }  |                                |                                | 1        | 35.9 mg/kg        |              | 28.325 mg/kg   | 0.00283 %            | ✓          |                |
|    | 082-001-00-6  |                                |                                |          |                   |              |                |                      |            |                |
| 10 | mercury { mercury dichloride }  |                                |                                |          | <0.5 mg/kg        | 1.353        | <0.677 mg/kg   | <0.0000677 %         |            | <LOD           |
|    | 080-010-00-X  | 231-299-8                      | 7487-94-7                      |          |                   |              |                |                      |            |                |
| 11 | nickel { nickel sulfate }   |                                |                                |          | 45 mg/kg          | 2.637        | 93.615 mg/kg   | 0.00936 %            | ✓          |                |
|    | 028-009-00-5  | 232-104-9                      | 7786-81-4                      |          |                   |              |                |                      |            |                |
| 12 | selenium { nickel selenate }  |                                |                                |          | 0.7 mg/kg         | 2.554        | 1.41 mg/kg     | 0.000141 %           | ✓          |                |
|    | 028-031-00-5  | 239-125-2                      | 15060-62-5                     |          |                   |              |                |                      |            |                |
| 13 | zinc { zinc sulphate }  |                                |                                |          | 184.6 mg/kg       | 2.469        | 359.652 mg/kg  | 0.036 %              | ✓          |                |
|    | 030-006-00-9  | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |              |                |                      |            |                |
| 14 | TPH (C6 to C40) petroleum group   |                                |                                |          | 59.3 mg/kg        |              | 46.788 mg/kg   | 0.00468 %            | ✓          |                |
|    |   |                                | TPH                            |          |                   |              |                |                      |            |                |



| #      | 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   |          |                   |              |                |                      |            |                |
| 15     | benzene  |  |  |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|        | 601-020-00-8   | 200-753-7  | 71-43-2  |          |                   |              |                |                      |            |                |
| 16     | toluene  |  |  |          | <0.006 mg/kg      |              | <0.006 mg/kg   | <0.0000006 %         |            | <LOD           |
|        | 601-021-00-3   | 203-625-9  | 108-88-3   |          |                   |              |                |                      |            |                |
| 17     | ethylbenzene   |  |  |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
|        | 601-023-00-4   | 202-849-4  | 100-41-4   |          |                   |              |                |                      |            |                |
| 18     | xylene   |  |  |          | <0.045 mg/kg      |              | <0.045 mg/kg   | <0.0000045 %         |            | <LOD           |
|        | 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] |          |                   |              |                |                      |            |                |
| 19     | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } |  |  |          | <0.6 mg/kg        | 1.884        | <1.13 mg/kg    | <0.000113 %          |            | <LOD           |
|        | 006-007-00-5   |  |  |          |                   |              |                |                      |            |                |
| 20     | pH   |  |  |          | 7.8 pH            |              | 7.8 pH         | 7.8 pH               |            |                |
|        |  |  | PH   |          |                   |              |                |                      |            |                |
| 21     | naphthalene  |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        | 601-052-00-2   | 202-049-5  | 91-20-3  |          |                   |              |                |                      |            |                |
| 22     | acenaphthylene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        |  | 205-917-1  | 208-96-8   |          |                   |              |                |                      |            |                |
| 23     | acenaphthene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        |  | 201-469-6  | 83-32-9  |          |                   |              |                |                      |            |                |
| 24     | fluorene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        |  | 201-695-5  | 86-73-7  |          |                   |              |                |                      |            |                |
| 25     | phenanthrene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        |  | 201-581-5  | 85-01-8  |          |                   |              |                |                      |            |                |
| 26     | anthracene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        |  | 204-371-1  | 120-12-7   |          |                   |              |                |                      |            |                |
| 27     | fluoranthene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        |  | 205-912-4  | 206-44-0   |          |                   |              |                |                      |            |                |
| 28     | pyrene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        |  | 204-927-3  | 129-00-0   |          |                   |              |                |                      |            |                |
| 29     | benzo[a]anthracene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        | 601-033-00-9   | 200-280-6  | 56-55-3  |          |                   |              |                |                      |            |                |
| 30     | chrysene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        | 601-048-00-0   | 205-923-4  | 218-01-9   |          |                   |              |                |                      |            |                |
| 31     | benzo[b]fluoranthene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        | 601-034-00-4   | 205-911-9  | 205-99-2   |          |                   |              |                |                      |            |                |
| 32     | benzo[k]fluoranthene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        | 601-036-00-5   | 205-916-6  | 207-08-9   |          |                   |              |                |                      |            |                |
| 33     | benzo[a]pyrene; benzo[def]chrysene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        | 601-032-00-3   | 200-028-5  | 50-32-8  |          |                   |              |                |                      |            |                |
| 34     | indeno[123-cd]pyrene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        |  | 205-893-2  | 193-39-5   |          |                   |              |                |                      |            |                |
| 35     | 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  |          |                   |              |                |                      |            |                |
| 36     | benzo[ghi]perylene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|        |  | 205-883-8  | 191-24-2   |          |                   |              |                |                      |            |                |
| 37     | phenol   |  |  |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
|        | 604-001-00-2   | 203-632-7  | 108-95-2   |          |                   |              |                |                      |            |                |
| 38     | vanadium { divanadium pentaoxide; vanadium pentoxide }   |  |  |          | 54.5 mg/kg        | 1.785        | 76.764 mg/kg   | 0.00768 %            | ✓          |                |
|        | 023-001-00-8   | 215-239-8  | 1314-62-1  |          |                   |              |                |                      |            |                |
| Total: |  |  |  |          |                   |              |                | 0.0719 %             |            |                |

## 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 because** Hazard Property HP 3(i) Flammable on account of TPH. 'Flammable liquid waste' defined as 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). The flammability risk of the materials can only be confirmed by means of flash point testing, which was not undertaken as part of the ground investigation. However, the hazardous property HP3(i) relates to liquid waste and the materials sampled were solid. In order to assess the Hazard HP3, the 'decision tree' presented in the WM3 guidance for 'Waste soil' in relation to Hazard HP 3 was followed. The assessment process indicated that the Hazard Property HP 3(i) in the samples listed above can be discounted. The samples are therefore not considered to be 'truly hazardous' by virtue of HP 3(i) and a non-hazardous class is considered most appropriate


Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00468%)

Classification of sample: AS1-1-ES-0.00-17/05/2023

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

### Sample details

|                                 |           |   |
|---------------------------------|-----------|---|
| Sample name:                    | LoW Code: |   |
| <b>AS1-1-ES-0.00-17/05/2023</b> | Chapter:  | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
|                                 | 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. 1A; 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:

asbestos: (conc.: 0.36%)

### Determinands


Moisture content: 0% Wet Weight Moisture Correction applied (MC)

| #      | Determinand         |            |             | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|---------------------|------------|-------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number | EC Number  | CAS Number  |          |                   |              |                |                      |            |                |
| 1      | asbestos            |            |             |          | 3600 mg/kg        |              | 3600 mg/kg     | 0.36 %               | ✓          |                |
|        | 650-013-00-6        | -----      | 12001-28-4  |          |                   |              |                |                      |            |                |
|        |                     |            | 132207-32-0 |          |                   |              |                |                      |            |                |
|        |                     |            | 12172-73-5  |          |                   |              |                |                      |            |                |
|        |                     |            | 77536-66-4  |          |                   |              |                |                      |            |                |
|        |                     |            | 77536-68-6  |          |                   |              |                |                      |            |                |
|        |                     |            | 77536-67-5  |          |                   |              |                |                      |            |                |
|        |                     | 12001-29-5 |             |          |                   |              |                |                      |            |                |
| Total: |                     |            |             |          |                   |              |                | 0.36 %               |            |                |

### Key

|  |                    |
|--|--------------------|
|  | User supplied data |
|  | Hazardous result   |

**Classification of sample: HDP101-2-ES-0.50-16/05/2023**

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

**Sample details**

|                                    |  |
|------------------------------------|--|
| Sample name:                       | LoW Code:  |
| <b>HDP101-2-ES-0.50-16/05/2023</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>0.50 m</b>                      |  |
| Moisture content:                  |  |
| <b>20.3%</b>                       |  |
| (wet weight correction)            |  |

**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:

TPH (C6 to C40) petroleum group: (conc.: 0.709%)

**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.: 0.709%)

**Hazard properties (substances considered hazardous until shown otherwise)**

**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 determinands:

benzene: (conc.: 2.39e-07%)

toluene: (conc.: 7.97e-07%)

ethylbenzene: (conc.: 7.25e-06%)

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

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 0.709%)

xylene: (conc.: 0.00001%)

mesitylene; 1,3,5-trimethylbenzene: (conc.: 8.29e-06%)

tert-butylbenzene: (conc.: 7.97e-07%)

1,2,4-trimethylbenzene: (conc.: 0.00002%)

sec-butylbenzene: (conc.: 0.00002%)

4-isopropyltoluene: (conc.: 3.27e-06%)

n-butylbenzene: (conc.: 0.00001%)

cumene; [1] propylbenzene [2]: (conc.: 0.00001%)

## Determinands

Moisture content: 20.3% Wet Weight Moisture Correction applied (MC)

| #  | Determinand  |  |  | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|--|--|--|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number  | CAS Number   |          |                   |       |              |                |       |                      |            |                |
| 1  | antimony { antimony trioxide }   |  |  |          | 11                | mg/kg | 1.197        | 10.495         | mg/kg | 0.00105 %            | ✓          |                |
|    | 051-005-00-X   | 215-175-0  | 1309-64-4  |          |                   |       |              |                |       |                      |            |                |
| 2  | arsenic { arsenic trioxide }   |  |  |          | 18                | mg/kg | 1.32         | 18.941         | mg/kg | 0.00189 %            | ✓          |                |
|    | 033-003-00-0   | 215-481-4  | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 3  | beryllium { beryllium oxide }  |  |  |          | 1.14              | mg/kg | 2.775        | 2.522          | mg/kg | 0.000252 %           | ✓          |                |
|    | 004-003-00-8   | 215-133-1  | 1304-56-9  |          |                   |       |              |                |       |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }  |  |  |          | 2.7               | mg/kg | 3.22         | 6.929          | mg/kg | 0.000693 %           | ✓          |                |
|    | 005-008-00-8   | 215-125-8  | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 5  | cadmium { cadmium oxide }  |  |  |          | 2.9               | mg/kg | 1.142        | 2.64           | mg/kg | 0.000264 %           | ✓          |                |
|    | 048-002-00-0   | 215-146-2  | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }   |  |  |          | 27                | mg/kg | 1.462        | 31.451         | mg/kg | 0.00315 %            | ✓          |                |
|    |  | 215-160-9  | 1308-38-9  |          |                   |       |              |                |       |                      |            |                |
| 7  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |  |  |          | <0.1              | mg/kg | 2.27         | <0.227         | mg/kg | <0.0000227 %         |            | <LOD           |
|    | 024-017-00-8   |  |  |          |                   |       |              |                |       |                      |            |                |
| 8  | copper { dicopper oxide; copper (I) oxide }  |  |  |          | 339.8             | mg/kg | 1.126        | 304.914        | mg/kg | 0.0305 %             | ✓          |                |
|    | 029-002-00-X   | 215-270-7  | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }   |  |  | 1        | 117.8             | mg/kg |              | 93.887         | mg/kg | 0.00939 %            | ✓          |                |
|    | 082-001-00-6   |  |  |          |                   |       |              |                |       |                      |            |                |
| 10 | mercury { mercury dichloride }   |  |  |          | 5.6               | mg/kg | 1.353        | 6.041          | mg/kg | 0.000604 %           | ✓          |                |
|    | 080-010-00-X   | 231-299-8  | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 11 | nickel { nickel sulfate }  |  |  |          | 116.1             | mg/kg | 2.637        | 243.977        | mg/kg | 0.0244 %             | ✓          |                |
|    | 028-009-00-5   | 232-104-9  | 7786-81-4  |          |                   |       |              |                |       |                      |            |                |
| 12 | selenium { nickel selenate }   |  |  |          | 0.8               | mg/kg | 2.554        | 1.628          | mg/kg | 0.000163 %           | ✓          |                |
|    | 028-031-00-5   | 239-125-2  | 15060-62-5   |          |                   |       |              |                |       |                      |            |                |
| 13 | zinc { zinc sulphate }   |  |  |          | 681.5             | mg/kg | 2.469        | 1341.212       | mg/kg | 0.134 %              | ✓          |                |
|    | 030-006-00-9   | 231-793-3 [1]<br>231-793-3 [2]                                   | 7446-19-7 [1]<br>7733-02-0 [2]                               |          |                   |       |              |                |       |                      |            |                |
| 14 | TPH (C6 to C40) petroleum group  |  |  |          | 8900              | mg/kg |              | 7093.3         | mg/kg | 0.709 %              | ✓          |                |
|    |  |  | TPH  |          |                   |       |              |                |       |                      |            |                |
| 15 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane   |  |  |          | <0.001            | mg/kg |              | <0.001         | mg/kg | <0.0000001 %         |            | <LOD           |
|    | 603-181-00-X   | 216-653-1  | 1634-04-4  |          |                   |       |              |                |       |                      |            |                |
| 16 | benzene  |  |  |          | 0.003             | mg/kg |              | 0.0023         | mg/kg | 0.000000239 %        | ✓          |                |
|    | 601-020-00-8   | 200-753-7  | 71-43-2  |          |                   |       |              |                |       |                      |            |                |
| 17 | toluene  |  |  |          | 0.01              | mg/kg |              | 0.0079         | mg/kg | 0.000000797 %        | ✓          |                |
|    | 601-021-00-3   | 203-625-9  | 108-88-3   |          |                   |       |              |                |       |                      |            |                |
| 18 | ethylbenzene   |  |  |          | 0.091             | mg/kg |              | 0.0725         | mg/kg | 0.000000725 %        | ✓          |                |
|    | 601-023-00-4   | 202-849-4  | 100-41-4   |          |                   |       |              |                |       |                      |            |                |
| 19 | xylene   |  |  |          | 0.227             | mg/kg |              | 0.181          | mg/kg | 0.0000181 %          | ✓          |                |
|    | 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] |          |                   |       |              |                |       |                      |            |                |
| 20 | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } |  |  |          | <0.6              | mg/kg | 1.884        | <1.13          | mg/kg | <0.000113 %          |            | <LOD           |
|    | 006-007-00-5   |  |  |          |                   |       |              |                |       |                      |            |                |
| 21 | naphthalene  |  |  |          | 64.7              | mg/kg |              | 51.566         | mg/kg | 0.00516 %            | ✓          |                |
|    | 601-052-00-2   | 202-049-5  | 91-20-3  |          |                   |       |              |                |       |                      |            |                |
| 22 | acenaphthylene   |  |  |          | 5.6               | mg/kg |              | 4.463          | mg/kg | 0.000446 %           | ✓          |                |
|    |  | 205-917-1  | 208-96-8   |          |                   |       |              |                |       |                      |            |                |

| #  | 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        |           |                   |       |              |                |       |                      |            |                |
| 23 | acenaphthene   | 201-469-6               | 83-32-9           |           | 68.1              | mg/kg |              | 54.276         | mg/kg | 0.00543 %            | ✓          |                |
| 24 | fluorene   | 201-695-5               | 86-73-7           |           | 68.8              | mg/kg |              | 54.834         | mg/kg | 0.00548 %            | ✓          |                |
| 25 | phenanthrene   | 201-581-5               | 85-01-8           |           | 174               | mg/kg |              | 138.678        | mg/kg | 0.0139 %             | ✓          |                |
| 26 | anthracene   | 204-371-1               | 120-12-7          |           | 57.1              | mg/kg |              | 45.509         | mg/kg | 0.00455 %            | ✓          |                |
| 27 | fluoranthene   | 205-912-4               | 206-44-0          |           | 123               | mg/kg |              | 98.031         | mg/kg | 0.0098 %             | ✓          |                |
| 28 | pyrene   | 204-927-3               | 129-00-0          |           | 94                | mg/kg |              | 74.918         | mg/kg | 0.00749 %            | ✓          |                |
| 29 | benzo[a]anthracene                                     | 601-033-00-9            | 200-280-6         | 56-55-3   | 36.2              | mg/kg |              | 28.851         | mg/kg | 0.00289 %            | ✓          |                |
| 30 | chrysene   | 601-048-00-0            | 205-923-4         | 218-01-9  | 35.8              | mg/kg |              | 28.533         | mg/kg | 0.00285 %            | ✓          |                |
| 31 | benzo[b]fluoranthene                                   | 601-034-00-4            | 205-911-9         | 205-99-2  | 41.9              | mg/kg |              | 33.394         | mg/kg | 0.00334 %            | ✓          |                |
| 32 | benzo[k]fluoranthene                                   | 601-036-00-5            | 205-916-6         | 207-08-9  | 13.9              | mg/kg |              | 11.078         | mg/kg | 0.00111 %            | ✓          |                |
| 33 | benzo[a]pyrene; benzo[def]chrysene                     | 601-032-00-3            | 200-028-5         | 50-32-8   | 33.8              | mg/kg |              | 26.939         | mg/kg | 0.00269 %            | ✓          |                |
| 34 | indeno[123-cd]pyrene                                   | 205-893-2               | 193-39-5          |           | 19.3              | mg/kg |              | 15.382         | mg/kg | 0.00154 %            | ✓          |                |
| 35 | dibenz[a,h]anthracene                                  | 601-041-00-2            | 200-181-8         | 53-70-3   | <10.04            | mg/kg |              | <10.04         | mg/kg | <0.001 %             |            | <LOD           |
| 36 | benzo[ghi]perylene                                     | 205-883-8               | 191-24-2          |           | 11.8              | mg/kg |              | 9.405          | mg/kg | 0.00094 %            | ✓          |                |
| 37 | phenol   | 604-001-00-2            | 203-632-7         | 108-95-2  | 1.8               | mg/kg |              | 1.435          | mg/kg | 0.000143 %           | ✓          |                |
| 38 | 1,1-dichloroethane and 1,2-dichloroethane (combined)   | 203-458-1,<br>200-863-5 | 107-06-2, 75-34-3 |           | <0.002            | mg/kg |              | <0.002         | mg/kg | <0.0000002 %         |            | <LOD           |
| 39 | tetrachloroethylene                                    | 602-028-00-4            | 204-825-9         | 127-18-4  | 0.007             | mg/kg |              | 0.0055         | mg/kg | 0.000000558 %        | ✓          |                |
| 40 | carbon tetrachloride; tetrachloromethane               | 602-008-00-5            | 200-262-8         | 56-23-5   | <0.001            | mg/kg |              | <0.001         | mg/kg | <0.0000001 %         |            | <LOD           |
| 41 | trichloroethylene; trichloroethene                     | 602-027-00-9            | 201-167-4         | 79-01-6   | 0.021             | mg/kg |              | 0.0167         | mg/kg | 0.00000167 %         | ✓          |                |
| 42 | vinyl chloride; chloroethylene                         | 602-023-00-7            | 200-831-0         | 75-01-4   | <0.001            | mg/kg |              | <0.001         | mg/kg | <0.0000001 %         |            | <LOD           |
| 43 | hexachlorobenzene                                      | 602-065-00-6            | 204-273-9         | 118-74-1  | <3.1              | mg/kg |              | <3.1           | mg/kg | <0.00031 %           |            | <LOD           |
| 44 | polychlorobiphenyls; PCB                               | 602-039-00-4            | 215-648-1         | 1336-36-3 | <0.044            | mg/kg |              | <0.044         | mg/kg | <0.0000044 %         |            | <LOD           |
| 45 | vanadium { divanadium pentaoxide; vanadium pentoxide } | 023-001-00-8            | 215-239-8         | 1314-62-1 | 269.3             | mg/kg | 1.785        | 383.158        | mg/kg | 0.0383 %             | ✓          |                |
| 46 | coronene   | 205-881-7               | 191-07-1          |           | <9.4              | mg/kg |              | <9.4           | mg/kg | <0.00094 %           |            | <LOD           |
| 47 | bis(2-chloroethyl) ether                               | 603-029-00-2            | 203-870-1         | 111-44-4  | <3.1              | mg/kg |              | <3.1           | mg/kg | <0.00031 %           |            | <LOD           |
| 48 | benzyl alcohol   | 603-057-00-5            | 202-859-9         | 100-51-6  | <15.7             | mg/kg |              | <15.7          | mg/kg | <0.00157 %           |            | <LOD           |
| 49 | hexachloroethane                                       | 200-666-4               | 67-72-1           |           | <3.1              | mg/kg |              | <3.1           | mg/kg | <0.00031 %           |            | <LOD           |
| 50 | nitrosodipropylamine                                   | 612-098-00-8            | 210-698-0         | 621-64-7  | <28.2             | mg/kg |              | <28.2          | mg/kg | <0.00282 %           |            | <LOD           |

| #  | 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 |          |                   |              |                |                      |            |                |
| 51 | nitrobenzene<br>609-003-00-7 202-716-0 98-95-3   |           |            |          | <15.7 mg/kg       |              | <15.7 mg/kg    | <0.00157 %           |            | <LOD           |
| 52 | 3,5,5-trimethylcyclohex-2-enone; isophorone<br>606-012-00-8 201-126-0 78-59-1  |           |            |          | <3.1 mg/kg        |              | <3.1 mg/kg     | <0.00031 %           |            | <LOD           |
| 53 | 2-nitrophenol<br>201-857-5 88-75-5   |           |            |          | <3.1 mg/kg        |              | <3.1 mg/kg     | <0.00031 %           |            | <LOD           |
| 54 | 3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]<br>604-006-00-X 202-439-5 [1] 95-65-8 [1]<br>202-461-5 [2] 95-87-4 [2]<br>203-321-6 [3] 105-67-9 [3]<br>208-395-3 [4] 526-75-0 [4]<br>209-400-1 [5] 576-26-1 [5]<br>215-089-3 [6] 1300-71-6 [6]<br>276-245-4 [7] 71975-58-1 [7] |           |            |          | <3.1 mg/kg        |              | <3.1 mg/kg     | <0.00031 %           |            | <LOD           |
| 55 | benzoic acid<br>607-705-00-8 200-618-2 65-85-0   |           |            |          | <15.7 mg/kg       |              | <15.7 mg/kg    | <0.00157 %           |            | <LOD           |
| 56 | bis(2-chloroethoxy)methane<br>203-920-2 111-91-1   |           |            |          | <3.1 mg/kg        |              | <3.1 mg/kg     | <0.00031 %           |            | <LOD           |
| 57 | 2,4-dichlorophenol<br>604-011-00-7 204-429-6 120-83-2  |           |            |          | <3.1 mg/kg        |              | <3.1 mg/kg     | <0.00031 %           |            | <LOD           |
| 58 | 4-chloroaniline<br>612-137-00-9 203-401-0 106-47-8   |           |            |          | 66.3 mg/kg        |              | 52.841 mg/kg   | 0.00528 %            | ✓          |                |
| 59 | chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol<br>604-014-00-3 200-431-6 59-50-7   |           |            |          | <3.1 mg/kg        |              | <3.1 mg/kg     | <0.00031 %           |            | <LOD           |
| 60 | 2-methyl naphthalene<br>202-078-3 91-57-6  |           |            |          | 23 mg/kg          |              | 18.331 mg/kg   | 0.00183 %            | ✓          |                |
| 61 | hexachlorocyclopentadiene<br>602-078-00-7 201-029-3 77-47-4  |           |            |          | <3.1 mg/kg        |              | <3.1 mg/kg     | <0.00031 %           |            | <LOD           |
| 62 | 2,4,6-trichlorophenol<br>604-018-00-5 201-795-9 88-06-2  |           |            |          | <3.1 mg/kg        |              | <3.1 mg/kg     | <0.00031 %           |            | <LOD           |
| 63 | 2,4,5-trichlorophenol<br>604-017-00-X 202-467-8 95-95-4  |           |            |          | <3.1 mg/kg        |              | <3.1 mg/kg     | <0.00031 %           |            | <LOD           |
| 64 | 2-chloronaphthalene<br>202-079-9 91-58-7   |           |            |          | <3.1 mg/kg        |              | <3.1 mg/kg     | <0.00031 %           |            | <LOD           |
| 65 | biphenyl; diphenyl<br>601-042-00-8 202-163-5 92-52-4   |           |            |          | 12.1 mg/kg        |              | 9.644 mg/kg    | 0.000964 %           | ✓          |                |
| 66 | dimethyl phthalate<br>205-011-6 131-11-3   |           |            |          | <3.1 mg/kg        |              | <3.1 mg/kg     | <0.00031 %           |            | <LOD           |
| 67 | 2,6-dinitrotoluene<br>609-049-00-8 210-106-0 606-20-2  |           |            |          | <15.7 mg/kg       |              | <15.7 mg/kg    | <0.00157 %           |            | <LOD           |
| 68 | 2,4-dinitrophenol<br>609-041-00-4 200-087-7 51-28-5  |           |            |          | <15.7 mg/kg       |              | <15.7 mg/kg    | <0.00157 %           |            | <LOD           |
| 69 | dibenzofuran<br>205-071-3 132-64-9   |           |            |          | 58.6 mg/kg        |              | 46.704 mg/kg   | 0.00467 %            | ✓          |                |
| 70 | 4-nitrophenol; p-nitrophenol<br>609-015-00-2 202-811-7 100-02-7  |           |            |          | <15.7 mg/kg       |              | <15.7 mg/kg    | <0.00157 %           |            | <LOD           |
| 71 | 2,4-dinitrotoluene; [1] dinitrotoluene [2]<br>609-007-00-9 204-450-0 [1] 121-14-2 [1]<br>246-836-1 [2] 25321-14-6 [2]  |           |            |          | <6.3 mg/kg        |              | <6.3 mg/kg     | <0.00063 %           |            | <LOD           |
| 72 | diethyl phthalate<br>201-550-6 84-66-2   |           |            |          | <3.1 mg/kg        |              | <3.1 mg/kg     | <0.00031 %           |            | <LOD           |
| 73 | 4-chlorophenylphenylether<br>230-281-7 7005-72-3   |           |            |          | <3.1 mg/kg        |              | <3.1 mg/kg     | <0.00031 %           |            | <LOD           |
| 74 | DNOC (ISO); 4,6-dinitro-o-cresol<br>609-020-00-X 208-601-1 534-52-1  |           |            |          | <6.3 mg/kg        |              | <6.3 mg/kg     | <0.00063 %           |            | <LOD           |
| 75 | azobenzene<br>611-001-00-6 203-102-5 103-33-3  |           |            |          | <9.4 mg/kg        |              | <9.4 mg/kg     | <0.00094 %           |            | <LOD           |

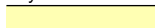





| #   | Determinand  |              |                                | CLP Note                       | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|-----|--|--------------|--------------------------------|--------------------------------|-------------------|--------------|----------------|----------------------|------------|----------------|
|     | EU CLP index number  | EC Number    | CAS Number                     |                                |                   |              |                |                      |            |                |
| 76  | 4-bromophenylphenylether                                       | 202-952-4    | 101-55-3                       |                                | <3.1 mg/kg        |              | <3.1 mg/kg     | <0.00031 %           |            | <LOD           |
| 77  | pentachlorophenol  | 604-002-00-8 | 201-778-6                      | 87-86-5                        | <15.7 mg/kg       |              | <15.7 mg/kg    | <0.00157 %           |            | <LOD           |
| 78  | carbazole  | 201-696-0    | 86-74-8                        |                                | 88.9 mg/kg        |              | 70.853 mg/kg   | 0.00709 %            | ✓          |                |
| 79  | dibutyl phthalate; DBP   | 607-318-00-4 | 201-557-4                      | 84-74-2                        | <3.1 mg/kg        |              | <3.1 mg/kg     | <0.00031 %           |            | <LOD           |
| 80  | BBP; benzyl butyl phthalate                                    | 607-430-00-3 | 201-622-7                      | 85-68-7                        | <6.3 mg/kg        |              | <6.3 mg/kg     | <0.00063 %           |            | <LOD           |
| 81  | bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP | 607-317-00-9 | 204-211-0                      | 117-81-7                       | <6.3 mg/kg        |              | <6.3 mg/kg     | <0.00063 %           |            | <LOD           |
| 82  | di-n-octyl phthalate   | 204-214-7    | 117-84-0                       |                                | <6.3 mg/kg        |              | <6.3 mg/kg     | <0.00063 %           |            | <LOD           |
| 83  | dichlorodifluoromethane  | 200-893-9    | 75-71-8                        |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 84  | chloromethane; methyl chloride                                 | 602-001-00-7 | 200-817-4                      | 74-87-3                        | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.000004 %          |            | <LOD           |
| 85  | bromomethane; methylbromide                                    | 602-002-00-2 | 200-813-2                      | 74-83-9                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 86  | chloroethane   | 602-009-00-0 | 200-830-5                      | 75-00-3                        | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.000002 %          |            | <LOD           |
| 87  | trichlorofluoromethane   | 200-892-3    | 75-69-4                        |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 88  | 1,1-dichloroethylene; vinylidene chloride                      | 602-025-00-8 | 200-864-0                      | 75-35-4                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 89  | 2,2-dichloropropane  | 209-832-0    | 594-20-7                       |                                | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.000002 %          |            | <LOD           |
| 90  | bromochloromethane   | 200-826-3    | 74-97-5                        |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 91  | chloroform; trichloromethane                                   | 602-006-00-4 | 200-663-8                      | 67-66-3                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 92  | 1,1,1-trichloroethane; methyl chloroform                       | 602-013-00-2 | 200-756-3                      | 71-55-6                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 93  | 1,1-dichloropropene  | 602-031-00-0 | 209-253-3                      | 563-58-6                       | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 94  | 1,2-dichloropropane; propylene dichloride                      | 602-020-00-0 | 201-152-2                      | 78-87-5                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 95  | dibromomethane   | 602-003-00-8 | 200-824-2                      | 74-95-3                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 96  | bromodichloromethane   | 200-856-7    | 75-27-4                        |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 97  | 1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]           | 602-030-00-5 | 208-826-5 [1]<br>233-195-8 [2] | 542-75-6 [1]<br>10061-01-5 [2] | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 98  | trans-1,3-dichloropropene                                      | 431-460-4    | 10061-02-6                     |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 99  | 1,1,2-trichloroethane  | 602-014-00-8 | 201-166-9                      | 79-00-5                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 100 | 1,3-dichloropropane  | 205-531-3    | 142-28-9                       |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 101 | dibromochloromethane   | 204-704-0    | 124-48-1                       |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 102 | 1,2-dibromoethane  | 602-010-00-6 | 203-444-5                      | 106-93-4                       | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 103 | chlorobenzene  | 602-033-00-1 | 203-628-5                      | 108-90-7                       | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |
| 104 | 1,1,1,2-tetrachloroethane                                      | 211-135-1    | 630-20-6                       |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 %          |            | <LOD           |




| #      | 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 |          |                   |              |                |                      |            |                |
| 105    | styrene<br>601-026-00-0   202-851-5   100-42-5  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 106    | bromoform; tribromomethane<br>602-007-00-X   200-854-6   75-25-2  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 107    | 1,1,2,2-tetrachloroethane<br>602-015-00-3   201-197-8   79-34-5   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 108    | bromobenzene<br>602-060-00-9   203-623-8   108-86-1   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 109    | 1,2,3-trichloropropane<br>602-062-00-X   202-486-1   96-18-4  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 110    | mesitylene; 1,3,5-trimethylbenzene<br>601-025-00-5   203-604-4   108-67-8   |           |            |          | 0.104 mg/kg       |              | 0.0829 mg/kg   | 0.00000829 %         | ✓          |                |
| 111    | tert-butylbenzene<br>  202-632-4   98-06-6  |           |            |          | 0.01 mg/kg        |              | 0.0079 mg/kg   | 0.000000797 %        | ✓          |                |
| 112    | 1,2,4-trimethylbenzene<br>601-043-00-3   202-436-9   95-63-6  |           |            |          | 0.26 mg/kg        |              | 0.207 mg/kg    | 0.0000207 %          | ✓          |                |
| 113    | sec-butylbenzene<br>  205-227-0   135-98-8  |           |            |          | 0.278 mg/kg       |              | 0.222 mg/kg    | 0.0000222 %          | ✓          |                |
| 114    | 4-isopropyltoluene<br>  202-796-7   99-87-6   |           |            |          | 0.041 mg/kg       |              | 0.0327 mg/kg   | 0.00000327 %         | ✓          |                |
| 115    | 1,3-dichlorobenzene<br>602-067-00-7   208-792-1   541-73-1  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 116    | 1,4-dichlorobenzene; p-dichlorobenzene<br>602-035-00-2   203-400-5   106-46-7   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 117    | n-butylbenzene<br>  203-209-7   104-51-8  |           |            |          | 0.163 mg/kg       |              | 0.13 mg/kg     | 0.000013 %           | ✓          |                |
| 118    | 1,2-dichlorobenzene; o-dichlorobenzene<br>602-034-00-7   202-425-9   95-50-1  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 119    | 1,2-dibromo-3-chloropropane<br>602-021-00-6   202-479-3   96-12-8   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 120    | 1,2,4-trichlorobenzene<br>602-087-00-6   204-428-0   120-82-1   |           |            |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
| 121    | hexachlorobutadiene<br>  201-765-5   87-68-3  |           |            |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 122    | 1,2,3-trichlorobenzene<br>  201-757-1   87-61-6   |           |            |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
| 123    | 2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]<br>604-008-00-0   202-433-2 [1]   95-57-8 [1]   203-402-6 [2]   106-48-9 [2]   203-582-6 [3]   108-43-0 [3]   246-691-4 [4]   25167-80-0 [4]     |           |            |          | <18.8 mg/kg       |              | <18.8 mg/kg    | <0.00188 %           |            | <LOD           |
| 124    | 1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]<br>602-026-00-3   208-750-2 [1]   540-59-0 [1]   205-859-7 [2]   156-59-2 [2]   205-860-2 [3]   156-60-5 [3]                                   |           |            |          | <0.007 mg/kg      |              | <0.007 mg/kg   | <0.0000007 %         |            | <LOD           |
| 125    | cumene; [1] propylbenzene [2]<br>601-024-00-X   202-704-5 [1]   98-82-8 [1]   203-132-9 [2]   103-65-1 [2]  |           |            |          | 0.137 mg/kg       |              | 0.109 mg/kg    | 0.0000109 %          | ✓          |                |
| 126    | 2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]<br>602-040-00-X   202-424-3 [1]   95-49-8 [1]   203-580-5 [2]   108-41-8 [2]   203-397-0 [3]   106-43-4 [3]   246-698-2 [4]   25168-05-2 [4] |           |            |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| Total: |   |           |            |          |                   |              |                | 1.069 %              |            |                |

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### Key

|   |   |
|---|---|
|  | User supplied data  |
|  | Determinand values ignored for classification, see column 'Conc. Not Used' for reason   |
|  | Hazardous result  |
|  | Potentially 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 |
| <b>&lt;LOD</b>  | Below limit of detection  |
| CLP: Note 1   | Only the metal concentration has been used for classification   |

Classification of sample: HDP101-3-ES-0.65-16/05/2023

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

### Sample details

|                                    |  |
|------------------------------------|--|
| Sample name:                       | LoW Code:  |
| <b>HDP101-3-ES-0.65-16/05/2023</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>0.65 m</b>                      |  |
| Moisture content:                  |  |
| <b>30.7%</b>                       |  |
| (wet weight correction)            |  |

### 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:

TPH (C6 to C40) petroleum group: (conc.: 0.942%)

**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.: 0.942%)

### Hazard properties (substances considered hazardous until shown otherwise)

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

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 0.942%)  
 xylene: (conc.: 1.04e-06%)  
 mesitylene; 1,3,5-trimethylbenzene: (conc.: 3.12e-06%)  
 1,2,4-trimethylbenzene: (conc.: 0.00001%)  
 sec-butylbenzene: (conc.: 3.47e-07%)  
 4-isopropyltoluene: (conc.: 8.32e-07%)  
 n-butylbenzene: (conc.: 9.01e-07%)  
 cumene; [1] propylbenzene [2]: (conc.: 4.16e-07%)

### Determinands

Moisture content: 30.7% Wet Weight Moisture Correction applied (MC)

| #  | Determinand  |              |  | CLP Note   | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------|--|--|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number    | CAS Number   |  |                   |              |                |                      |            |                |
| 1  | antimony { antimony trioxide }   | 051-005-00-X | 215-175-0  | 1309-64-4  | 6.5 mg/kg         | 1.197        | 5.392 mg/kg    | 0.000539 %           | ✓          |                |
| 2  | arsenic { arsenic trioxide }   | 033-003-00-0 | 215-481-4  | 1327-53-3  | 28.1 mg/kg        | 1.32         | 25.711 mg/kg   | 0.00257 %            | ✓          |                |
| 3  | beryllium { beryllium oxide }  | 004-003-00-8 | 215-133-1  | 1304-56-9  | 0.83 mg/kg        | 2.775        | 1.596 mg/kg    | 0.00016 %            | ✓          |                |
| 4  | boron { diboron trioxide; boric oxide }  | 005-008-00-8 | 215-125-8  | 1303-86-2  | 4.9 mg/kg         | 3.22         | 10.934 mg/kg   | 0.00109 %            | ✓          |                |
| 5  | cadmium { cadmium oxide }  | 048-002-00-0 | 215-146-2  | 1306-19-0  | 2.8 mg/kg         | 1.142        | 2.217 mg/kg    | 0.000222 %           | ✓          |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }   | 215-160-9    | 1308-38-9  |  | 39.5 mg/kg        | 1.462        | 40.008 mg/kg   | 0.004 %              | ✓          |                |
| 7  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               | 024-017-00-8 |  |  | <0.1 mg/kg        | 2.27         | <0.227 mg/kg   | <0.0000227 %         |            | <LOD           |
| 8  | copper { dicopper oxide; copper (I) oxide }  | 029-002-00-X | 215-270-7  | 1317-39-1  | 153.8 mg/kg       | 1.126        | 120.001 mg/kg  | 0.012 %              | ✓          |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }   | 082-001-00-6 |  |  | 328.2 mg/kg       |              | 227.443 mg/kg  | 0.0227 %             | ✓          |                |
| 10 | mercury { mercury dichloride }   | 080-010-00-X | 231-299-8  | 7487-94-7  | 3.6 mg/kg         | 1.353        | 3.377 mg/kg    | 0.000338 %           | ✓          |                |
| 11 | nickel { nickel sulfate }  | 028-009-00-5 | 232-104-9  | 7786-81-4  | 79.7 mg/kg        | 2.637        | 145.63 mg/kg   | 0.0146 %             | ✓          |                |
| 12 | selenium { nickel selenate }   | 028-031-00-5 | 239-125-2  | 15060-62-5   | 1 mg/kg           | 2.554        | 1.77 mg/kg     | 0.000177 %           | ✓          |                |
| 13 | zinc { zinc sulphate }   | 030-006-00-9 | 231-793-3 [1]<br>231-793-3 [2]                                   | 7446-19-7 [1]<br>7733-02-0 [2]                               | 719.9 mg/kg       | 2.469        | 1231.909 mg/kg | 0.123 %              | ✓          |                |
| 14 | TPH (C6 to C40) petroleum group  |              |  | TPH  | 13600 mg/kg       |              | 9424.8 mg/kg   | 0.942 %              | ✓          |                |
| 15 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane   | 603-181-00-X | 216-653-1  | 1634-04-4  | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 16 | benzene  | 601-020-00-8 | 200-753-7  | 71-43-2  | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 17 | toluene  | 601-021-00-3 | 203-625-9  | 108-88-3   | <0.008 mg/kg      |              | <0.008 mg/kg   | <0.0000008 %         |            | <LOD           |
| 18 | ethylbenzene   | 601-023-00-4 | 202-849-4  | 100-41-4   | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
| 19 | xylene   | 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] | 0.015 mg/kg       |              | 0.0104 mg/kg   | 0.00000104 %         | ✓          |                |
| 20 | 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 |  |  | <0.7 mg/kg        | 1.884        | <1.319 mg/kg   | <0.000132 %          |            | <LOD           |
| 21 | pH   |              |  | PH   | 7.1 pH            |              | 7.1 pH         | 7.1 pH               |            |                |
| 22 | naphthalene  | 601-052-00-2 | 202-049-5  | 91-20-3  | 467 mg/kg         |              | 323.631 mg/kg  | 0.0324 %             | ✓          |                |
| 23 | acenaphthylene   |              | 205-917-1  | 208-96-8   | 12.1 mg/kg        |              | 8.385 mg/kg    | 0.000839 %           | ✓          |                |
| 24 | acenaphthene   |              | 201-469-6  | 83-32-9  | 188 mg/kg         |              | 130.284 mg/kg  | 0.013 %              | ✓          |                |

| #  | 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        |           |                   |              |                |                      |            |                |
| 25 | fluorene   | 201-695-5            | 86-73-7           |           | 209 mg/kg         |              | 144.837 mg/kg  | 0.0145 %             | ✓          |                |
| 26 | phenanthrene   | 201-581-5            | 85-01-8           |           | 692 mg/kg         |              | 479.556 mg/kg  | 0.048 %              | ✓          |                |
| 27 | anthracene   | 204-371-1            | 120-12-7          |           | 208 mg/kg         |              | 144.144 mg/kg  | 0.0144 %             | ✓          |                |
| 28 | fluoranthene   | 205-912-4            | 206-44-0          |           | 517 mg/kg         |              | 358.281 mg/kg  | 0.0358 %             | ✓          |                |
| 29 | pyrene   | 204-927-3            | 129-00-0          |           | 364 mg/kg         |              | 252.252 mg/kg  | 0.0252 %             | ✓          |                |
| 30 | benzo[a]anthracene                                     | 601-033-00-9         | 200-280-6         | 56-55-3   | 141 mg/kg         |              | 97.713 mg/kg   | 0.00977 %            | ✓          |                |
| 31 | chrysene   | 601-048-00-0         | 205-923-4         | 218-01-9  | 136 mg/kg         |              | 94.248 mg/kg   | 0.00942 %            | ✓          |                |
| 32 | benzo[b]fluoranthene                                   | 601-034-00-4         | 205-911-9         | 205-99-2  | 141 mg/kg         |              | 97.713 mg/kg   | 0.00977 %            | ✓          |                |
| 33 | benzo[k]fluoranthene                                   | 601-036-00-5         | 205-916-6         | 207-08-9  | 49.1 mg/kg        |              | 34.026 mg/kg   | 0.0034 %             | ✓          |                |
| 34 | benzo[a]pyrene; benzo[def]chrysene                     | 601-032-00-3         | 200-028-5         | 50-32-8   | 112 mg/kg         |              | 77.616 mg/kg   | 0.00776 %            | ✓          |                |
| 35 | indeno[123-cd]pyrene                                   | 205-893-2            | 193-39-5          |           | 54.1 mg/kg        |              | 37.491 mg/kg   | 0.00375 %            | ✓          |                |
| 36 | dibenz[a,h]anthracene                                  | 601-041-00-2         | 200-181-8         | 53-70-3   | <18 mg/kg         |              | <18 mg/kg      | <0.0018 %            |            | <LOD           |
| 37 | benzo[ghi]perylene                                     | 205-883-8            | 191-24-2          |           | 40 mg/kg          |              | 27.72 mg/kg    | 0.00277 %            | ✓          |                |
| 38 | phenol   | 604-001-00-2         | 203-632-7         | 108-95-2  | 6.3 mg/kg         |              | 4.366 mg/kg    | 0.000437 %           | ✓          |                |
| 39 | 1,1-dichloroethane and 1,2-dichloroethane (combined)   | 203-458-1, 200-863-5 | 107-06-2, 75-34-3 |           | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
| 40 | tetrachloroethylene                                    | 602-028-00-4         | 204-825-9         | 127-18-4  | <0.005 mg/kg      |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
| 41 | carbon tetrachloride; tetrachloromethane               | 602-008-00-5         | 200-262-8         | 56-23-5   | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 42 | trichloroethylene; trichloroethene                     | 602-027-00-9         | 201-167-4         | 79-01-6   | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 43 | vinyl chloride; chloroethylene                         | 602-023-00-7         | 200-831-0         | 75-01-4   | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 44 | hexachlorobenzene                                      | 602-065-00-6         | 204-273-9         | 118-74-1  | <3.6 mg/kg        |              | <3.6 mg/kg     | <0.00036 %           |            | <LOD           |
| 45 | vanadium { divanadium pentaoxide; vanadium pentoxide } | 023-001-00-8         | 215-239-8         | 1314-62-1 | 119 mg/kg         | 1.785        | 147.219 mg/kg  | 0.0147 %             | ✓          |                |
| 46 | coronene   | 205-881-7            | 191-07-1          |           | <10.8 mg/kg       |              | <10.8 mg/kg    | <0.00108 %           |            | <LOD           |
| 47 | bis(2-chloroethyl) ether                               | 603-029-00-2         | 203-870-1         | 111-44-4  | <3.6 mg/kg        |              | <3.6 mg/kg     | <0.00036 %           |            | <LOD           |
| 48 | benzyl alcohol   | 603-057-00-5         | 202-859-9         | 100-51-6  | <18 mg/kg         |              | <18 mg/kg      | <0.0018 %            |            | <LOD           |
| 49 | hexachloroethane                                       | 200-666-4            | 67-72-1           |           | <3.6 mg/kg        |              | <3.6 mg/kg     | <0.00036 %           |            | <LOD           |
| 50 | nitrosodipropylamine                                   | 612-098-00-8         | 210-698-0         | 621-64-7  | <32.5 mg/kg       |              | <32.5 mg/kg    | <0.00325 %           |            | <LOD           |
| 51 | nitrobenzene   | 609-003-00-7         | 202-716-0         | 98-95-3   | <18 mg/kg         |              | <18 mg/kg      | <0.0018 %            |            | <LOD           |
| 52 | 3,5,5-trimethylcyclohex-2-enone; isophorone            | 606-012-00-8         | 201-126-0         | 78-59-1   | <3.6 mg/kg        |              | <3.6 mg/kg     | <0.00036 %           |            | <LOD           |

| #  | 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  |   |                   |              |                |                      |            |                |
| 53 | 2-nitrophenol   | 201-857-5    | 88-75-5   |   | <3.6 mg/kg        |              | <3.6 mg/kg     | <0.00036 %           |            | <LOD           |
| 54 | 3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7] | 604-006-00-X | 202-439-5 [1]<br>202-461-5 [2]<br>203-321-6 [3]<br>208-395-3 [4]<br>209-400-1 [5]<br>215-089-3 [6]<br>276-245-4 [7] | 95-65-8 [1]<br>95-87-4 [2]<br>105-67-9 [3]<br>526-75-0 [4]<br>576-26-1 [5]<br>1300-71-6 [6]<br>71975-58-1 [7] | 4.2 mg/kg         |              | 2.911 mg/kg    | 0.000291 %           | ✓          |                |
| 55 | benzoic acid  | 607-705-00-8 | 200-618-2   | 65-85-0   | <18 mg/kg         |              | <18 mg/kg      | <0.0018 %            |            | <LOD           |
| 56 | bis(2-chloroethoxy)methane  |              | 203-920-2   | 111-91-1  | <3.6 mg/kg        |              | <3.6 mg/kg     | <0.00036 %           |            | <LOD           |
| 57 | 2,4-dichlorophenol  | 604-011-00-7 | 204-429-6   | 120-83-2  | <3.6 mg/kg        |              | <3.6 mg/kg     | <0.00036 %           |            | <LOD           |
| 58 | 4-chloroaniline   | 612-137-00-9 | 203-401-0   | 106-47-8  | 463 mg/kg         |              | 320.859 mg/kg  | 0.0321 %             | ✓          |                |
| 59 | chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol  | 604-014-00-3 | 200-431-6   | 59-50-7   | <3.6 mg/kg        |              | <3.6 mg/kg     | <0.00036 %           |            | <LOD           |
| 60 | 2-methyl naphthalene  |              | 202-078-3   | 91-57-6   | 222 mg/kg         |              | 153.846 mg/kg  | 0.0154 %             | ✓          |                |
| 61 | hexachlorocyclopentadiene   | 602-078-00-7 | 201-029-3   | 77-47-4   | <3.6 mg/kg        |              | <3.6 mg/kg     | <0.00036 %           |            | <LOD           |
| 62 | 2,4,6-trichlorophenol   | 604-018-00-5 | 201-795-9   | 88-06-2   | <3.6 mg/kg        |              | <3.6 mg/kg     | <0.00036 %           |            | <LOD           |
| 63 | 2,4,5-trichlorophenol   | 604-017-00-X | 202-467-8   | 95-95-4   | <3.6 mg/kg        |              | <3.6 mg/kg     | <0.00036 %           |            | <LOD           |
| 64 | 2-chloronaphthalene   |              | 202-079-9   | 91-58-7   | <3.6 mg/kg        |              | <3.6 mg/kg     | <0.00036 %           |            | <LOD           |
| 65 | biphenyl; diphenyl  | 601-042-00-8 | 202-163-5   | 92-52-4   | 49.8 mg/kg        |              | 34.511 mg/kg   | 0.00345 %            | ✓          |                |
| 66 | dimethyl phthalate  |              | 205-011-6   | 131-11-3  | <3.6 mg/kg        |              | <3.6 mg/kg     | <0.00036 %           |            | <LOD           |
| 67 | 2,6-dinitrotoluene  | 609-049-00-8 | 210-106-0   | 606-20-2  | <18 mg/kg         |              | <18 mg/kg      | <0.0018 %            |            | <LOD           |
| 68 | 2,4-dinitrophenol   | 609-041-00-4 | 200-087-7   | 51-28-5   | <18 mg/kg         |              | <18 mg/kg      | <0.0018 %            |            | <LOD           |
| 69 | dibenzofuran  |              | 205-071-3   | 132-64-9  | 174 mg/kg         |              | 120.582 mg/kg  | 0.0121 %             | ✓          |                |
| 70 | 4-nitrophenol; p-nitrophenol  | 609-015-00-2 | 202-811-7   | 100-02-7  | <18 mg/kg         |              | <18 mg/kg      | <0.0018 %            |            | <LOD           |
| 71 | 2,4-dinitrotoluene; [1] dinitrotoluene [2]  | 609-007-00-9 | 204-450-0 [1]<br>246-836-1 [2]  | 121-14-2 [1]<br>25321-14-6 [2]  | <7.2 mg/kg        |              | <7.2 mg/kg     | <0.00072 %           |            | <LOD           |
| 72 | diethyl phthalate   |              | 201-550-6   | 84-66-2   | <3.6 mg/kg        |              | <3.6 mg/kg     | <0.00036 %           |            | <LOD           |
| 73 | 4-chlorophenylphenylether   |              | 230-281-7   | 7005-72-3   | <3.6 mg/kg        |              | <3.6 mg/kg     | <0.00036 %           |            | <LOD           |
| 74 | DNOC (ISO); 4,6-dinitro-o-cresol  | 609-020-00-X | 208-601-1   | 534-52-1  | <7.2 mg/kg        |              | <7.2 mg/kg     | <0.00072 %           |            | <LOD           |
| 75 | azobenzene  | 611-001-00-6 | 203-102-5   | 103-33-3  | <10.8 mg/kg       |              | <10.8 mg/kg    | <0.00108 %           |            | <LOD           |
| 76 | 4-bromophenylphenylether  |              | 202-952-4   | 101-55-3  | <3.6 mg/kg        |              | <3.6 mg/kg     | <0.00036 %           |            | <LOD           |
| 77 | pentachlorophenol   | 604-002-00-8 | 201-778-6   | 87-86-5   | <18 mg/kg         |              | <18 mg/kg      | <0.0018 %            |            | <LOD           |

| #   | 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                     |                                |                   |              |                |                      |            |                |
| 78  | carbazole  | 201-696-0    | 86-74-8                        |                                | 208 mg/kg         |              | 144.144 mg/kg  | 0.0144 %             | ✓          |                |
| 79  | dibutyl phthalate; DBP   | 607-318-00-4 | 201-557-4                      | 84-74-2                        | <3.6 mg/kg        |              | <3.6 mg/kg     | <0.00036 %           |            | <LOD           |
| 80  | BBP; benzyl butyl phthalate                                    | 607-430-00-3 | 201-622-7                      | 85-68-7                        | <7.2 mg/kg        |              | <7.2 mg/kg     | <0.00072 %           |            | <LOD           |
| 81  | bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP | 607-317-00-9 | 204-211-0                      | 117-81-7                       | <7.2 mg/kg        |              | <7.2 mg/kg     | <0.00072 %           |            | <LOD           |
| 82  | di-n-octyl phthalate   | 204-214-7    | 117-84-0                       |                                | <7.2 mg/kg        |              | <7.2 mg/kg     | <0.00072 %           |            | <LOD           |
| 83  | dichlorodifluoromethane  | 200-893-9    | 75-71-8                        |                                | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 84  | chloromethane; methyl chloride                                 | 602-001-00-7 | 200-817-4                      | 74-87-3                        | <0.005 mg/kg      |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
| 85  | bromomethane; methylbromide                                    | 602-002-00-2 | 200-813-2                      | 74-83-9                        | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 86  | chloroethane   | 602-009-00-0 | 200-830-5                      | 75-00-3                        | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
| 87  | trichlorofluoromethane   | 200-892-3    | 75-69-4                        |                                | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 88  | 1,1-dichloroethylene; vinylidene chloride                      | 602-025-00-8 | 200-864-0                      | 75-35-4                        | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 89  | 2,2-dichloropropane  | 209-832-0    | 594-20-7                       |                                | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
| 90  | bromochloromethane   | 200-826-3    | 74-97-5                        |                                | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 91  | chloroform; trichloromethane                                   | 602-006-00-4 | 200-663-8                      | 67-66-3                        | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 92  | 1,1,1-trichloroethane; methyl chloroform                       | 602-013-00-2 | 200-756-3                      | 71-55-6                        | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 93  | 1,1-dichloropropene  | 602-031-00-0 | 209-253-3                      | 563-58-6                       | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 94  | 1,2-dichloropropane; propylene dichloride                      | 602-020-00-0 | 201-152-2                      | 78-87-5                        | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 95  | dibromomethane   | 602-003-00-8 | 200-824-2                      | 74-95-3                        | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 96  | bromodichloromethane   | 200-856-7    | 75-27-4                        |                                | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 97  | 1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]           | 602-030-00-5 | 208-826-5 [1]<br>233-195-8 [2] | 542-75-6 [1]<br>10061-01-5 [2] | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 98  | trans-1,3-dichloropropene                                      | 431-460-4    | 10061-02-6                     |                                | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 99  | 1,1,2-trichloroethane  | 602-014-00-8 | 201-166-9                      | 79-00-5                        | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 100 | 1,3-dichloropropane  | 205-531-3    | 142-28-9                       |                                | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 101 | dibromochloromethane   | 204-704-0    | 124-48-1                       |                                | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 102 | 1,2-dibromoethane  | 602-010-00-6 | 203-444-5                      | 106-93-4                       | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 103 | chlorobenzene  | 602-033-00-1 | 203-628-5                      | 108-90-7                       | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 104 | 1,1,1,2-tetrachloroethane                                      | 211-135-1    | 630-20-6                       |                                | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 105 | styrene  | 601-026-00-0 | 202-851-5                      | 100-42-5                       | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 106 | bromoform; tribromomethane                                     | 602-007-00-X | 200-854-6                      | 75-25-2                        | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |







| #      | 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 |          |                   |              |                |                      |            |                |
| 107    | 1,1,2-tetrachloroethane<br>602-015-00-3   201-197-8   79-34-5   |           |            |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 108    | bromobenzene<br>602-060-00-9   203-623-8   108-86-1   |           |            |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 109    | 1,2,3-trichloropropane<br>602-062-00-X   202-486-1   96-18-4  |           |            |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 110    | mesitylene; 1,3,5-trimethylbenzene<br>601-025-00-5   203-604-4   108-67-8   |           |            |          | 0.045 mg/kg       |              | 0.0312 mg/kg   | 0.00000312 %         | ✓          |                |
| 111    | tert-butylbenzene<br>202-632-4   98-06-6  |           |            |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 112    | 1,2,4-trimethylbenzene<br>601-043-00-3   202-436-9   95-63-6  |           |            |          | 0.145 mg/kg       |              | 0.1 mg/kg      | 0.00001 %            | ✓          |                |
| 113    | sec-butylbenzene<br>205-227-0   135-98-8  |           |            |          | 0.005 mg/kg       |              | 0.0034 mg/kg   | 0.000000347 %        | ✓          |                |
| 114    | 4-isopropyltoluene<br>202-796-7   99-87-6   |           |            |          | 0.012 mg/kg       |              | 0.0083 mg/kg   | 0.000000832 %        | ✓          |                |
| 115    | 1,3-dichlorobenzene<br>602-067-00-7   208-792-1   541-73-1  |           |            |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 116    | 1,4-dichlorobenzene; p-dichlorobenzene<br>602-035-00-2   203-400-5   106-46-7   |           |            |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 117    | n-butylbenzene<br>203-209-7   104-51-8  |           |            |          | 0.013 mg/kg       |              | 0.009 mg/kg    | 0.000000901 %        | ✓          |                |
| 118    | 1,2-dichlorobenzene; o-dichlorobenzene<br>602-034-00-7   202-425-9   95-50-1  |           |            |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 119    | 1,2-dibromo-3-chloropropane<br>602-021-00-6   202-479-3   96-12-8   |           |            |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 120    | 1,2,4-trichlorobenzene<br>602-087-00-6   204-428-0   120-82-1   |           |            |          | <0.005 mg/kg      |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
| 121    | hexachlorobutadiene<br>201-765-5   87-68-3  |           |            |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.0000003 %         |            | <LOD           |
| 122    | 1,2,3-trichlorobenzene<br>201-757-1   87-61-6   |           |            |          | <0.005 mg/kg      |              | <0.005 mg/kg   | <0.0000005 %         |            | <LOD           |
| 123    | 2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]<br>604-008-00-0   202-433-2 [1]   95-57-8 [1]   203-402-6 [2]   106-48-9 [2]   203-582-6 [3]   108-43-0 [3]   246-691-4 [4]   25167-80-0 [4]     |           |            |          | <21.6 mg/kg       |              | <21.6 mg/kg    | <0.00216 %           |            | <LOD           |
| 124    | 1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]<br>602-026-00-3   208-750-2 [1]   540-59-0 [1]   205-859-7 [2]   156-59-2 [2]   205-860-2 [3]   156-60-5 [3]                                   |           |            |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %          |            | <LOD           |
| 125    | cumene; [1] propylbenzene [2]<br>601-024-00-X   202-704-5 [1]   98-82-8 [1]   203-132-9 [2]   103-65-1 [2]  |           |            |          | 0.006 mg/kg       |              | 0.0041 mg/kg   | 0.000000416 %        | ✓          |                |
| 126    | 2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]<br>602-040-00-X   202-424-3 [1]   95-49-8 [1]   203-580-5 [2]   108-41-8 [2]   203-397-0 [3]   106-43-4 [3]   246-698-2 [4]   25168-05-2 [4] |           |            |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
| Total: |   |           |            |          |                   |              |                | 1.48 %               |            |                |



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Key

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|   |   |
|---|---|
|  | User supplied data  |
|  | Determinand values ignored for classification, see column 'Conc. Not Used' for reason   |
|  | Hazardous result  |
|  | Potentially 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 |
| <b>&lt;LOD</b>  | Below limit of detection  |
| CLP: Note 1   | Only the metal concentration has been used for classification   |

**Classification of sample: TT101-1-ES-0.10-15/05/2023**

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

**Sample details**

|                                   |           |   |
|-----------------------------------|-----------|---|
| Sample name:                      | LoW Code: |   |
| <b>TT101-1-ES-0.10-15/05/2023</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>0.5%</b>                       |           |   |
| (wet weight correction)           |           |   |

**Hazard properties**

None identified

**Determinands**

Moisture content: 0.5% Wet Weight Moisture Correction applied (MC)


| #  | Determinand                     |  |  | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|---------------------------------|--|--|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number             | EC Number  | CAS Number   |          |                   |              |                |                      |            |                |
| 1  | TPH (C6 to C40) petroleum group |  |  |          | <20.1 mg/kg       |              | <20.1 mg/kg    | <0.00201 %           |            | <LOD           |
|    |                                 |  | TPH  |          |                   |              |                |                      |            |                |
| 2  | benzene                         |  |  |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %          |            | <LOD           |
|    | 601-020-00-8                    | 200-753-7  | 71-43-2  |          |                   |              |                |                      |            |                |
| 3  | toluene                         |  |  |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %          |            | <LOD           |
|    | 601-021-00-3                    | 203-625-9  | 108-88-3   |          |                   |              |                |                      |            |                |
| 4  | ethylbenzene                    |  |  |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %          |            | <LOD           |
|    | 601-023-00-4                    | 202-849-4  | 100-41-4   |          |                   |              |                |                      |            |                |
| 5  | xylene                          |  |  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
|    | 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] |          |                   |              |                |                      |            |                |
| 6  | naphthalene                     |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|    | 601-052-00-2                    | 202-049-5  | 91-20-3  |          |                   |              |                |                      |            |                |
| 7  | acenaphthylene                  |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|    |                                 | 205-917-1  | 208-96-8   |          |                   |              |                |                      |            |                |
| 8  | acenaphthene                    |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|    |                                 | 201-469-6  | 83-32-9  |          |                   |              |                |                      |            |                |
| 9  | fluorene                        |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|    |                                 | 201-695-5  | 86-73-7  |          |                   |              |                |                      |            |                |
| 10 | phenanthrene                    |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|    |                                 | 201-581-5  | 85-01-8  |          |                   |              |                |                      |            |                |
| 11 | anthracene                      |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|    |                                 | 204-371-1  | 120-12-7   |          |                   |              |                |                      |            |                |
| 12 | fluoranthene                    |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|    |                                 | 205-912-4  | 206-44-0   |          |                   |              |                |                      |            |                |
| 13 | pyrene                          |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|    |                                 | 204-927-3  | 129-00-0   |          |                   |              |                |                      |            |                |
| 14 | benzo[a]anthracene              |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|    | 601-033-00-9                    | 200-280-6  | 56-55-3  |          |                   |              |                |                      |            |                |
| 15 | chrysene                        |  |  |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|    | 601-048-00-0                    | 205-923-4  | 218-01-9   |          |                   |              |                |                      |            |                |

| #      | 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     | benzo[b]fluoranthene               |           |            |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        | 601-034-00-4                       | 205-911-9 | 205-99-2   |          |                   |              |                |                      |            |                |
| 17     | benzo[k]fluoranthene               |           |            |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        | 601-036-00-5                       | 205-916-6 | 207-08-9   |          |                   |              |                |                      |            |                |
| 18     | benzo[a]pyrene; benzo[def]chrysene |           |            |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        | 601-032-00-3                       | 200-028-5 | 50-32-8    |          |                   |              |                |                      |            |                |
| 19     | indeno[123-cd]pyrene               |           |            |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        |                                    | 205-893-2 | 193-39-5   |          |                   |              |                |                      |            |                |
| 20     | dibenz[a,h]anthracene              |           |            |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        | 601-041-00-2                       | 200-181-8 | 53-70-3    |          |                   |              |                |                      |            |                |
| 21     | benzo[ghi]perylene                 |           |            |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        |                                    | 205-883-8 | 191-24-2   |          |                   |              |                |                      |            |                |
| 22     | polychlorobiphenyls; PCB           |           |            |          | <0.035 mg/kg      |              | <0.035 mg/kg   | <0.000035 %          |            | <LOD           |
|        | 602-039-00-4                       | 215-648-1 | 1336-36-3  |          |                   |              |                |                      |            |                |
| 23     | coronene                           |           |            |          | <0.08 mg/kg       |              | <0.08 mg/kg    | <0.000008 %          |            | <LOD           |
|        |                                    | 205-881-7 | 191-07-1   |          |                   |              |                |                      |            |                |
| Total: |                                    |           |            |          |                   |              |                | 0.00216 %            |            |                |

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)                     |
| <LOD | Below limit of detection  |

**Classification of sample: TT101-4-ES-0.40-15/05/2023**

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

**Sample details**

|                                   |  |
|-----------------------------------|--|
| Sample name:                      | LoW Code:  |
| <b>TT101-4-ES-0.40-15/05/2023</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>0.40 m</b>                     |  |
| Moisture content:                 |  |
| <b>22.6%</b>                      |  |
| (wet weight correction)           |  |

**Hazard properties**

None identified

**Determinands**


Moisture content: 22.6% Wet Weight Moisture Correction applied (MC)

| #  | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 1  | antimony { antimony trioxide }   |                                |                                |          | 0.3 mg/kg         | 1.197        | 0.278 mg/kg    | 0.0000278 %          | ✓          |                |
|    | 051-005-00-X   | 215-175-0                      | 1309-64-4                      |          |                   |              |                |                      |            |                |
| 2  | arsenic { arsenic trioxide }   |                                |                                |          | 13.8 mg/kg        | 1.32         | 14.103 mg/kg   | 0.00141 %            | ✓          |                |
|    | 033-003-00-0   | 215-481-4                      | 1327-53-3                      |          |                   |              |                |                      |            |                |
| 3  | beryllium { beryllium oxide }  |                                |                                |          | 0.95 mg/kg        | 2.775        | 2.041 mg/kg    | 0.000204 %           | ✓          |                |
|    | 004-003-00-8   | 215-133-1                      | 1304-56-9                      |          |                   |              |                |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }  |                                |                                |          | 2.5 mg/kg         | 3.22         | 6.23 mg/kg     | 0.000623 %           | ✓          |                |
|    | 005-008-00-8   | 215-125-8                      | 1303-86-2                      |          |                   |              |                |                      |            |                |
| 5  | cadmium { cadmium oxide }  |                                |                                |          | 0.8 mg/kg         | 1.142        | 0.707 mg/kg    | 0.0000707 %          | ✓          |                |
|    | 048-002-00-0   | 215-146-2                      | 1306-19-0                      |          |                   |              |                |                      |            |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }                           |                                |                                |          | 34.4 mg/kg        | 1.462        | 38.915 mg/kg   | 0.00389 %            | ✓          |                |
|    |  | 215-160-9                      | 1308-38-9                      |          |                   |              |                |                      |            |                |
| 7  | copper { dicopper oxide; copper (I) oxide }  |                                |                                |          | 30 mg/kg          | 1.126        | 26.143 mg/kg   | 0.00261 %            | ✓          |                |
|    | 029-002-00-X   | 215-270-7                      | 1317-39-1                      |          |                   |              |                |                      |            |                |
| 8  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } |                                |                                | 1        | 41.8 mg/kg        |              | 32.353 mg/kg   | 0.00324 %            | ✓          |                |
|    | 082-001-00-6   |                                |                                |          |                   |              |                |                      |            |                |
| 9  | mercury { mercury dichloride }   |                                |                                |          | <0.5 mg/kg        | 1.353        | <0.677 mg/kg   | <0.0000677 %         |            | <LOD           |
|    | 080-010-00-X   | 231-299-8                      | 7487-94-7                      |          |                   |              |                |                      |            |                |
| 10 | nickel { nickel sulfate }  |                                |                                |          | 39.8 mg/kg        | 2.637        | 81.224 mg/kg   | 0.00812 %            | ✓          |                |
|    | 028-009-00-5   | 232-104-9                      | 7786-81-4                      |          |                   |              |                |                      |            |                |
| 11 | selenium { nickel selenate }   |                                |                                |          | <0.5 mg/kg        | 2.554        | <1.277 mg/kg   | <0.000128 %          |            | <LOD           |
|    | 028-031-00-5   | 239-125-2                      | 15060-62-5                     |          |                   |              |                |                      |            |                |
| 12 | zinc { zinc sulphate }   |                                |                                |          | 132.1 mg/kg       | 2.469        | 252.474 mg/kg  | 0.0252 %             | ✓          |                |
|    | 030-006-00-9   | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |              |                |                      |            |                |
| 13 | TPH (C6 to C40) petroleum group  |                                |                                |          | 32.2 mg/kg        |              | 24.923 mg/kg   | 0.00249 %            | ✓          |                |
|    |  |                                | TPH                            |          |                   |              |                |                      |            |                |
| 14 | benzene  |                                |                                |          | <0.013 mg/kg      |              | <0.013 mg/kg   | <0.0000013 %         |            | <LOD           |
|    | 601-020-00-8   | 200-753-7                      | 71-43-2                        |          |                   |              |                |                      |            |                |
| 15 | toluene  |                                |                                |          | <0.013 mg/kg      |              | <0.013 mg/kg   | <0.0000013 %         |            | <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   |          |                   |              |                |                      |            |                |
| 16     | ethylbenzene<br>601-023-00-4   | 202-849-4  | 100-41-4   |          | <0.013 mg/kg      |              | <0.013 mg/kg   | <0.0000013 %         |            | <LOD           |
| 17     | 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] |          | <0.039 mg/kg      |              | <0.039 mg/kg   | <0.0000039 %         |            | <LOD           |
| 18     | 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 }<br>006-007-00-5 |  |  |          | <0.6 mg/kg        | 1.884        | <1.13 mg/kg    | <0.000113 %          |            | <LOD           |
| 19     | naphthalene<br>601-052-00-2  | 202-049-5  | 91-20-3  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 20     | acenaphthylene<br>205-917-1  | 208-96-8   |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 21     | acenaphthene<br>201-469-6  | 83-32-9  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 22     | fluorene<br>201-695-5  | 86-73-7  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 23     | phenanthrene<br>201-581-5  | 85-01-8  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 24     | anthracene<br>204-371-1  | 120-12-7   |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 25     | fluoranthene<br>205-912-4  | 206-44-0   |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 26     | pyrene<br>204-927-3  | 129-00-0   |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 27     | benzo[a]anthracene<br>601-033-00-9   | 200-280-6  | 56-55-3  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 28     | chrysene<br>601-048-00-0   | 205-923-4  | 218-01-9   |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 29     | benzo[b]fluoranthene<br>601-034-00-4   | 205-911-9  | 205-99-2   |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 30     | benzo[k]fluoranthene<br>601-036-00-5   | 205-916-6  | 207-08-9   |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 31     | benzo[a]pyrene; benzo[def]chrysene<br>601-032-00-3   | 200-028-5  | 50-32-8  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 32     | indeno[123-cd]pyrene<br>205-893-2  | 193-39-5   |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 33     | dibenz[a,h]anthracene<br>601-041-00-2  | 200-181-8  | 53-70-3  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 34     | benzo[ghi]perylene<br>205-883-8  | 191-24-2   |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 35     | phenol<br>604-001-00-2   | 203-632-7  | 108-95-2   |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 36     | polychlorobiphenyls; PCB<br>602-039-00-4   | 215-648-1  | 1336-36-3  |          | <0.045 mg/kg      |              | <0.045 mg/kg   | <0.0000045 %         |            | <LOD           |
| 37     | vanadium { divanadium pentaoxide; vanadium pentoxide }<br>023-001-00-8   | 215-239-8  | 1314-62-1  |          | 44.2 mg/kg        | 1.785        | 61.073 mg/kg   | 0.00611 %            | ✓          |                |
| 38     | coronene<br>205-881-7  | 191-07-1   |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| Total: |  |  |  |          |                   |              |                | 0.0546 %             |            |                |

## Key

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|   |   |
|---|---|
|   | 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   |

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**Supplementary Hazardous Property Information**

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

**Force this Hazardous property to non hazardous because** Hazard Property HP 3(i) Flammable on account of TPH. 'Flammable liquid waste' defined as 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). The flammability risk of the materials can only be confirmed by means of flash point testing, which was not undertaken as part of the ground investigation. However, the hazardous property HP3(i) relates to liquid waste and the materials sampled were solid. In order to assess the Hazard HP3, the 'decision tree' presented in the WM3 guidance for 'Waste soil' in relation to Hazard HP 3 was followed. The assessment process indicated that the Hazard Property HP 3(i) in the samples listed above can be discounted. The samples are therefore not considered to be 'truly hazardous' by virtue of HP 3(i) and a non-hazardous class is considered most appropriate

Hazard Statements hit:

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

Because of determinand:

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TPH (C6 to C40) petroleum group: (conc.: 0.00249%)

Classification of sample: BH106-3-ES-0.15-15/05/2023

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

**Sample details**

|                                   |           |   |
|-----------------------------------|-----------|---|
| Sample name:                      | LoW Code: |   |
| <b>BH106-3-ES-0.15-15/05/2023</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>0.15 m</b>                     |           |   |
| Moisture content:                 |           |   |
| <b>4%</b>                         |           |   |
| (wet weight correction)           |           |   |

**Hazard properties**

None identified

**Determinands**

Moisture content: 4% Wet Weight Moisture Correction applied (MC)

| #  | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 1  | antimony { antimony trioxide }   |                                |                                |          | <0.1 mg/kg        | 1.197        | <0.12 mg/kg    | <0.000012 %          |            | <LOD           |
|    | 051-005-00-X   | 215-175-0                      | 1309-64-4                      |          |                   |              |                |                      |            |                |
| 2  | arsenic { arsenic trioxide }   |                                |                                |          | 10 mg/kg          | 1.32         | 12.675 mg/kg   | 0.00127 %            | ✓          |                |
|    | 033-003-00-0   | 215-481-4                      | 1327-53-3                      |          |                   |              |                |                      |            |                |
| 3  | beryllium { beryllium oxide }  |                                |                                |          | 0.15 mg/kg        | 2.775        | 0.4 mg/kg      | 0.00004 %            | ✓          |                |
|    | 004-003-00-8   | 215-133-1                      | 1304-56-9                      |          |                   |              |                |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }  |                                |                                |          | <0.5 mg/kg        | 3.22         | <1.61 mg/kg    | <0.000161 %          |            | <LOD           |
|    | 005-008-00-8   | 215-125-8                      | 1303-86-2                      |          |                   |              |                |                      |            |                |
| 5  | cadmium { cadmium oxide }  |                                |                                |          | 0.8 mg/kg         | 1.142        | 0.877 mg/kg    | 0.0000877 %          | ✓          |                |
|    | 048-002-00-0   | 215-146-2                      | 1306-19-0                      |          |                   |              |                |                      |            |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }   |                                |                                |          | 7.4 mg/kg         | 1.462        | 10.383 mg/kg   | 0.00104 %            | ✓          |                |
|    |  | 215-160-9                      | 1308-38-9                      |          |                   |              |                |                      |            |                |
| 7  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                |          | <0.1 mg/kg        | 2.27         | <0.227 mg/kg   | <0.0000227 %         |            | <LOD           |
|    |  |                                |                                |          |                   |              |                |                      |            |                |
| 8  | copper { dicopper oxide; copper (I) oxide }  |                                |                                |          | 5.4 mg/kg         | 1.126        | 5.837 mg/kg    | 0.000584 %           | ✓          |                |
|    | 029-002-00-X   | 215-270-7                      | 1317-39-1                      |          |                   |              |                |                      |            |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }   |                                |                                | 1        | 29.5 mg/kg        |              | 28.32 mg/kg    | 0.00283 %            | ✓          |                |
|    |  |                                |                                |          |                   |              |                |                      |            |                |
| 10 | mercury { mercury dichloride }   |                                |                                |          | <0.5 mg/kg        | 1.353        | <0.677 mg/kg   | <0.0000677 %         |            | <LOD           |
|    | 080-010-00-X   | 231-299-8                      | 7487-94-7                      |          |                   |              |                |                      |            |                |
| 11 | nickel { nickel sulfate }  |                                |                                |          | 7.2 mg/kg         | 2.637        | 18.225 mg/kg   | 0.00182 %            | ✓          |                |
|    | 028-009-00-5   | 232-104-9                      | 7786-81-4                      |          |                   |              |                |                      |            |                |
| 12 | selenium { nickel selenate }   |                                |                                |          | <0.5 mg/kg        | 2.554        | <1.277 mg/kg   | <0.000128 %          |            | <LOD           |
|    | 028-031-00-5   | 239-125-2                      | 15060-62-5                     |          |                   |              |                |                      |            |                |
| 13 | zinc { zinc sulphate }   |                                |                                |          | 73.4 mg/kg        | 2.469        | 173.997 mg/kg  | 0.0174 %             | ✓          |                |
|    | 030-006-00-9   | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |              |                |                      |            |                |
| 14 | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, }   |                                |                                |          | <0.5 mg/kg        | 1.884        | <0.942 mg/kg   | <0.0000942 %         |            | <LOD           |


| #      | 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 |          |                   |              |                |                      |            |                |
|        | ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } |           |            |          |                   |              |                |                      |            |                |
|        | 006-007-00-5  |           |            |          |                   |              |                |                      |            |                |
| 15     | pH  |           |            |          | 9.4 pH            |              | 9.4 pH         | 9.4 pH               |            |                |
|        |   |           | PH         |          |                   |              |                |                      |            |                |
| 16     | phenol  |           |            |          | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
|        | 604-001-00-2  | 203-632-7 | 108-95-2   |          |                   |              |                |                      |            |                |
| 17     | vanadium { divanadium pentaoxide; vanadium pentoxide }                              |           |            |          | 10.2 mg/kg        | 1.785        | 17.481 mg/kg   | 0.00175 %            | ✓          |                |
|        | 023-001-00-8  | 215-239-8 | 1314-62-1  |          |                   |              |                |                      |            |                |
| Total: |   |           |            |          |                   |              |                | 0.0274 %             |            |                |

**Key**

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



Classification of sample: BH106-9-ES-0.70-15/05/2023

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

**Sample details**

|                                   |           |   |
|-----------------------------------|-----------|---|
| Sample name:                      | LoW Code: |   |
| <b>BH106-9-ES-0.70-15/05/2023</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>0.70 m</b>                     |           |   |
| Moisture content:                 |           |   |
| <b>20.9%</b>                      |           |   |
| (wet weight correction)           |           |   |

**Hazard properties**

None identified


**Determinands**

Moisture content: 20.9% Wet Weight Moisture Correction applied (MC)

| #  | Determinand  |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|--|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | antimony { antimony trioxide }<br>051-005-00-X   215-175-0   1309-64-4   |           |            |          | 0.4               | mg/kg | 1.197        | 0.379          | mg/kg | 0.0000379 %          | ✓          |                |
| 2  | arsenic { arsenic trioxide }<br>033-003-00-0   215-481-4   1327-53-3   |           |            |          | 25.6              | mg/kg | 1.32         | 26.736         | mg/kg | 0.00267 %            | ✓          |                |
| 3  | beryllium { beryllium oxide }<br>004-003-00-8   215-133-1   1304-56-9  |           |            |          | 0.85              | mg/kg | 2.775        | 1.866          | mg/kg | 0.000187 %           | ✓          |                |
| 4  | boron { diboron trioxide; boric oxide }<br>005-008-00-8   215-125-8   1303-86-2  |           |            |          | 2.7               | mg/kg | 3.22         | 6.877          | mg/kg | 0.000688 %           | ✓          |                |
| 5  | cadmium { cadmium oxide }<br>048-002-00-0   215-146-2   1306-19-0  |           |            |          | 1.5               | mg/kg | 1.142        | 1.355          | mg/kg | 0.000136 %           | ✓          |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }<br>215-160-9   1308-38-9  |           |            |          | 28.6              | mg/kg | 1.462        | 33.064         | mg/kg | 0.00331 %            | ✓          |                |
| 7  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }<br>024-017-00-8 |           |            |          | <0.1              | mg/kg | 2.27         | <0.227         | mg/kg | <0.0000227 %         |            | <LOD           |
| 8  | copper { dicopper oxide; copper (I) oxide }<br>029-002-00-X   215-270-7   1317-39-1  |           |            |          | 29.1              | mg/kg | 1.126        | 25.916         | mg/kg | 0.00259 %            | ✓          |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }<br>082-001-00-6   |           |            | 1        | 78.5              | mg/kg |              | 62.093         | mg/kg | 0.00621 %            | ✓          |                |
| 10 | mercury { mercury dichloride }<br>080-010-00-X   231-299-8   7487-94-7   |           |            |          | <0.5              | mg/kg | 1.353        | <0.677         | mg/kg | <0.0000677 %         |            | <LOD           |
| 11 | nickel { nickel sulfate }<br>028-009-00-5   232-104-9   7786-81-4  |           |            |          | 30.5              | mg/kg | 2.637        | 63.611         | mg/kg | 0.00636 %            | ✓          |                |
| 12 | selenium { nickel selenate }<br>028-031-00-5   239-125-2   15060-62-5  |           |            |          | <0.5              | mg/kg | 2.554        | <1.277         | mg/kg | <0.000128 %          |            | <LOD           |
| 13 | zinc { zinc sulphate }<br>030-006-00-9   231-793-3 [1]   7446-19-7 [1]<br>231-793-3 [2]   7733-02-0 [2]  |           |            |          | 204.9             | mg/kg | 2.469        | 400.213        | mg/kg | 0.04 %               | ✓          |                |
| 14 | TPH (C6 to C40) petroleum group<br>TPH   |           |            |          | 206               | mg/kg |              | 162.946        | mg/kg | 0.0163 %             | ✓          |                |

| #      | 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   |          |                   |              |                |             |                      |            |                |
| 15     | benzene<br>601-020-00-8  | 200-753-7  | 71-43-2  |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.000001 % |                      | <LOD       |                |
| 16     | toluene<br>601-021-00-3  | 203-625-9  | 108-88-3   |          | <0.007 mg/kg      |              | <0.007 mg/kg   | <0.000007 % |                      | <LOD       |                |
| 17     | ethylbenzene<br>601-023-00-4   | 202-849-4  | 100-41-4   |          | <0.003 mg/kg      |              | <0.003 mg/kg   | <0.000003 % |                      | <LOD       |                |
| 18     | 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] |          | <0.085 mg/kg      |              | <0.085 mg/kg   | <0.000085 % |                      | <LOD       |                |
| 19     | 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 }<br>006-007-00-5 |  |  |          | <0.6 mg/kg        | 1.884        | <1.13 mg/kg    | <0.000113 % |                      | <LOD       |                |
| 20     | naphthalene<br>601-052-00-2  | 202-049-5  | 91-20-3  |          | <10.11 mg/kg      |              | <10.11 mg/kg   | <0.00101 %  |                      | <LOD       |                |
| 21     | acenaphthylene<br>205-917-1  |  | 208-96-8   |          | <10.11 mg/kg      |              | <10.11 mg/kg   | <0.00101 %  |                      | <LOD       |                |
| 22     | acenaphthene<br>201-469-6  |  | 83-32-9  |          | <10.11 mg/kg      |              | <10.11 mg/kg   | <0.00101 %  |                      | <LOD       |                |
| 23     | fluorene<br>201-695-5  |  | 86-73-7  |          | <10.11 mg/kg      |              | <10.11 mg/kg   | <0.00101 %  |                      | <LOD       |                |
| 24     | phenanthrene<br>201-581-5  |  | 85-01-8  |          | <10.11 mg/kg      |              | <10.11 mg/kg   | <0.00101 %  |                      | <LOD       |                |
| 25     | anthracene<br>204-371-1  |  | 120-12-7   |          | <10.11 mg/kg      |              | <10.11 mg/kg   | <0.00101 %  |                      | <LOD       |                |
| 26     | fluoranthene<br>205-912-4  |  | 206-44-0   |          | <10.11 mg/kg      |              | <10.11 mg/kg   | <0.00101 %  |                      | <LOD       |                |
| 27     | pyrene<br>204-927-3  |  | 129-00-0   |          | <10.11 mg/kg      |              | <10.11 mg/kg   | <0.00101 %  |                      | <LOD       |                |
| 28     | benzo[a]anthracene<br>601-033-00-9   | 200-280-6  | 56-55-3  |          | <10.11 mg/kg      |              | <10.11 mg/kg   | <0.00101 %  |                      | <LOD       |                |
| 29     | chrysene<br>601-048-00-0   | 205-923-4  | 218-01-9   |          | <10.11 mg/kg      |              | <10.11 mg/kg   | <0.00101 %  |                      | <LOD       |                |
| 30     | benzo[b]fluoranthene<br>601-034-00-4   | 205-911-9  | 205-99-2   |          | <10.11 mg/kg      |              | <10.11 mg/kg   | <0.00101 %  |                      | <LOD       |                |
| 31     | benzo[k]fluoranthene<br>601-036-00-5   | 205-916-6  | 207-08-9   |          | <10.11 mg/kg      |              | <10.11 mg/kg   | <0.00101 %  |                      | <LOD       |                |
| 32     | benzo[a]pyrene; benzo[def]chrysene<br>601-032-00-3   | 200-028-5  | 50-32-8  |          | <10.11 mg/kg      |              | <10.11 mg/kg   | <0.00101 %  |                      | <LOD       |                |
| 33     | indeno[123-cd]pyrene<br>205-893-2  |  | 193-39-5   |          | <10.11 mg/kg      |              | <10.11 mg/kg   | <0.00101 %  |                      | <LOD       |                |
| 34     | dibenz[a,h]anthracene<br>601-041-00-2  | 200-181-8  | 53-70-3  |          | <10.11 mg/kg      |              | <10.11 mg/kg   | <0.00101 %  |                      | <LOD       |                |
| 35     | benzo[ghi]perylene<br>205-883-8  |  | 191-24-2   |          | <10.11 mg/kg      |              | <10.11 mg/kg   | <0.00101 %  |                      | <LOD       |                |
| 36     | phenol<br>604-001-00-2   | 203-632-7  | 108-95-2   |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %  |                      | <LOD       |                |
| 37     | polychlorobiphenyls; PCB<br>602-039-00-4   | 215-648-1  | 1336-36-3  |          | <0.044 mg/kg      |              | <0.044 mg/kg   | <0.000044 % |                      | <LOD       |                |
| 38     | vanadium { divanadium pentaoxide; vanadium pentoxide }<br>023-001-00-8   | 215-239-8  | 1314-62-1  |          | 36.8 mg/kg        | 1.785        | 51.965 mg/kg   | 0.0052 %    | ✓                    |            |                |
| 39     | coronene<br>205-881-7  |  | 191-07-1   |          | <10.11 mg/kg      |              | <10.11 mg/kg   | <0.00101 %  |                      | <LOD       |                |
| Total: |  |  |  |          |                   |              |                |             | 0.101 %              |            |                |

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 |
| <b>&lt;LOD</b>  | 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 because** Hazard Property HP 3(i) Flammable on account of TPH. 'Flammable liquid waste' defined as 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). The flammability risk of the materials can only be confirmed by means of flash point testing, which was not undertaken as part of the ground investigation. However, the hazardous property HP3(i) relates to liquid waste and the materials sampled were solid. In order to assess the Hazard HP3, the 'decision tree' presented in the WM3 guidance for 'Waste soil' in relation to Hazard HP 3 was followed. The assessment process indicated that the Hazard Property HP 3(i) in the samples listed above can be discounted. The samples are therefore not considered to be 'truly hazardous' by virtue of HP 3(i) and a non-hazardous class is considered most appropriate


Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0163%)

**Classification of sample: BH101-1-ES-0.20-26/05/2023**

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

**Sample details**

|                                   |  |
|-----------------------------------|--|
| Sample name:                      | LoW Code:  |
| <b>BH101-1-ES-0.20-26/05/2023</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>14.4%</b>                      |  |
| (wet weight correction)           |  |

**Hazard properties**

None identified

**Determinands**

Moisture content: 14.4% Wet Weight Moisture Correction applied (MC)

| #  | Determinand   |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|---|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number   | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 1  | antimony { antimony trioxide }  |                                |                                |          | 1.3 mg/kg         | 1.197        | 1.332 mg/kg    | 0.000133 %           | ✓          |                |
|    | 051-005-00-X  | 215-175-0                      | 1309-64-4                      |          |                   |              |                |                      |            |                |
| 2  | arsenic { arsenic trioxide }  |                                |                                |          | 15.5 mg/kg        | 1.32         | 17.518 mg/kg   | 0.00175 %            | ✓          |                |
|    | 033-003-00-0  | 215-481-4                      | 1327-53-3                      |          |                   |              |                |                      |            |                |
| 3  | beryllium { beryllium oxide }   |                                |                                |          | <0.1 mg/kg        | 2.775        | <0.278 mg/kg   | <0.0000278 %         |            | <LOD           |
|    | 004-003-00-8  | 215-133-1                      | 1304-56-9                      |          |                   |              |                |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }   |                                |                                |          | 2.7 mg/kg         | 3.22         | 7.442 mg/kg    | 0.000744 %           | ✓          |                |
|    | 005-008-00-8  | 215-125-8                      | 1303-86-2                      |          |                   |              |                |                      |            |                |
| 5  | cadmium { cadmium oxide }   |                                |                                |          | 0.7 mg/kg         | 1.142        | 0.684 mg/kg    | 0.0000684 %          | ✓          |                |
|    | 048-002-00-0  | 215-146-2                      | 1306-19-0                      |          |                   |              |                |                      |            |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }  |                                |                                |          | 15.9 mg/kg        | 1.462        | 19.892 mg/kg   | 0.00199 %            | ✓          |                |
|    |   | 215-160-9                      | 1308-38-9                      |          |                   |              |                |                      |            |                |
| 7  | chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                |          | <0.1 mg/kg        | 2.27         | <0.227 mg/kg   | <0.0000227 %         |            | <LOD           |
|    | 024-017-00-8  |                                |                                |          |                   |              |                |                      |            |                |
| 8  | copper { dicopper oxide; copper (I) oxide }   |                                |                                |          | 48.2 mg/kg        | 1.126        | 46.453 mg/kg   | 0.00465 %            | ✓          |                |
|    | 029-002-00-X  | 215-270-7                      | 1317-39-1                      |          |                   |              |                |                      |            |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }  |                                |                                | 1        | 75.8 mg/kg        |              | 64.885 mg/kg   | 0.00649 %            | ✓          |                |
|    | 082-001-00-6  |                                |                                |          |                   |              |                |                      |            |                |
| 10 | mercury { mercury dichloride }  |                                |                                |          | <0.5 mg/kg        | 1.353        | <0.677 mg/kg   | <0.0000677 %         |            | <LOD           |
|    | 080-010-00-X  | 231-299-8                      | 7487-94-7                      |          |                   |              |                |                      |            |                |
| 11 | nickel { nickel sulfate }   |                                |                                |          | 21.7 mg/kg        | 2.637        | 48.977 mg/kg   | 0.0049 %             | ✓          |                |
|    | 028-009-00-5  | 232-104-9                      | 7786-81-4                      |          |                   |              |                |                      |            |                |
| 12 | selenium { nickel selenate }  |                                |                                |          | <0.5 mg/kg        | 2.554        | <1.277 mg/kg   | <0.000128 %          |            | <LOD           |
|    | 028-031-00-5  | 239-125-2                      | 15060-62-5                     |          |                   |              |                |                      |            |                |
| 13 | zinc { zinc sulphate }  |                                |                                |          | 162.2 mg/kg       | 2.469        | 342.845 mg/kg  | 0.0343 %             | ✓          |                |
|    | 030-006-00-9  | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |              |                |                      |            |                |
| 14 | TPH (C6 to C40) petroleum group   |                                |                                |          | 168 mg/kg         |              | 143.808 mg/kg  | 0.0144 %             | ✓          |                |
|    |   |                                | TPH                            |          |                   |              |                |                      |            |                |

| #  | 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   |          |                   |              |                |                      |            |                |
| 15 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane   |  |  |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
|    | 603-181-00-X   | 216-653-1  | 1634-04-4  |          |                   |              |                |                      |            |                |
| 16 | benzene  |  |  |          | 0.003 mg/kg       |              | 0.0025 mg/kg   | 0.000000257 %        | ✓          |                |
|    | 601-020-00-8   | 200-753-7  | 71-43-2  |          |                   |              |                |                      |            |                |
| 17 | toluene  |  |  |          | 0.007 mg/kg       |              | 0.0059 mg/kg   | 0.000000599 %        | ✓          |                |
|    | 601-021-00-3   | 203-625-9  | 108-88-3   |          |                   |              |                |                      |            |                |
| 18 | ethylbenzene   |  |  |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
|    | 601-023-00-4   | 202-849-4  | 100-41-4   |          |                   |              |                |                      |            |                |
| 19 | xylene   |  |  |          | 0.005 mg/kg       |              | 0.0042 mg/kg   | 0.000000428 %        | ✓          |                |
|    | 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] |          |                   |              |                |                      |            |                |
| 20 | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } |  |  |          | <0.6 mg/kg        | 1.884        | <1.13 mg/kg    | <0.000113 %          |            | <LOD           |
|    | 006-007-00-5   |  |  |          |                   |              |                |                      |            |                |
| 21 | pH   |  |  |          | 8.1 pH            |              | 8.1 pH         | 8.1 pH               |            |                |
|    |  |  | PH   |          |                   |              |                |                      |            |                |
| 22 | naphthalene  |  |  |          | 0.116 mg/kg       |              | 0.0993 mg/kg   | 0.00000993 %         | ✓          |                |
|    | 601-052-00-2   | 202-049-5  | 91-20-3  |          |                   |              |                |                      |            |                |
| 23 | acenaphthylene   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    |  | 205-917-1  | 208-96-8   |          |                   |              |                |                      |            |                |
| 24 | acenaphthene   |  |  |          | 0.2 mg/kg         |              | 0.171 mg/kg    | 0.0000171 %          | ✓          |                |
|    |  | 201-469-6  | 83-32-9  |          |                   |              |                |                      |            |                |
| 25 | fluorene   |  |  |          | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
|    |  | 201-695-5  | 86-73-7  |          |                   |              |                |                      |            |                |
| 26 | phenanthrene   |  |  |          | 2.6 mg/kg         |              | 2.226 mg/kg    | 0.000223 %           | ✓          |                |
|    |  | 201-581-5  | 85-01-8  |          |                   |              |                |                      |            |                |
| 27 | anthracene   |  |  |          | 0.8 mg/kg         |              | 0.685 mg/kg    | 0.0000685 %          | ✓          |                |
|    |  | 204-371-1  | 120-12-7   |          |                   |              |                |                      |            |                |
| 28 | fluoranthene   |  |  |          | 4.8 mg/kg         |              | 4.109 mg/kg    | 0.000411 %           | ✓          |                |
|    |  | 205-912-4  | 206-44-0   |          |                   |              |                |                      |            |                |
| 29 | pyrene   |  |  |          | 3.6 mg/kg         |              | 3.082 mg/kg    | 0.000308 %           | ✓          |                |
|    |  | 204-927-3  | 129-00-0   |          |                   |              |                |                      |            |                |
| 30 | benzo[a]anthracene   |  |  |          | 2.4 mg/kg         |              | 2.054 mg/kg    | 0.000205 %           | ✓          |                |
|    | 601-033-00-9   | 200-280-6  | 56-55-3  |          |                   |              |                |                      |            |                |
| 31 | chrysene   |  |  |          | 2.5 mg/kg         |              | 2.14 mg/kg     | 0.000214 %           | ✓          |                |
|    | 601-048-00-0   | 205-923-4  | 218-01-9   |          |                   |              |                |                      |            |                |
| 32 | benzo[b]fluoranthene   |  |  |          | 3.1 mg/kg         |              | 2.654 mg/kg    | 0.000265 %           | ✓          |                |
|    | 601-034-00-4   | 205-911-9  | 205-99-2   |          |                   |              |                |                      |            |                |
| 33 | benzo[k]fluoranthene   |  |  |          | 1.1 mg/kg         |              | 0.942 mg/kg    | 0.0000942 %          | ✓          |                |
|    | 601-036-00-5   | 205-916-6  | 207-08-9   |          |                   |              |                |                      |            |                |
| 34 | benzo[a]pyrene; benzo[def]chrysene   |  |  |          | 2.3 mg/kg         |              | 1.969 mg/kg    | 0.000197 %           | ✓          |                |
|    | 601-032-00-3   | 200-028-5  | 50-32-8  |          |                   |              |                |                      |            |                |
| 35 | indeno[123-cd]pyrene   |  |  |          | 1.5 mg/kg         |              | 1.284 mg/kg    | 0.000128 %           | ✓          |                |
|    |  | 205-893-2  | 193-39-5   |          |                   |              |                |                      |            |                |
| 36 | dibenz[a,h]anthracene  |  |  |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
|    | 601-041-00-2   | 200-181-8  | 53-70-3  |          |                   |              |                |                      |            |                |
| 37 | benzo[ghi]perylene   |  |  |          | 1.2 mg/kg         |              | 1.027 mg/kg    | 0.000103 %           | ✓          |                |
|    |  | 205-883-8  | 191-24-2   |          |                   |              |                |                      |            |                |
| 38 | phenol   |  |  |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    | 604-001-00-2   | 203-632-7  | 108-95-2   |          |                   |              |                |                      |            |                |
| 39 | 1,1-dichloroethane and 1,2-dichloroethane (combined)   |  |  |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
|    |  | 203-458-1,<br>200-863-5  | 107-06-2, 75-34-3  |          |                   |              |                |                      |            |                |
| 40 | tetrachloroethylene  |  |  |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
|    | 602-028-00-4   | 204-825-9  | 127-18-4   |          |                   |              |                |                      |            |                |

| #  | 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 |          |                   |              |                |                      |            |                |
| 41 | carbon tetrachloride; tetrachloromethane<br>602-008-00-5   200-262-8   56-23-5  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 42 | trichloroethylene; trichloroethene<br>602-027-00-9   201-167-4   79-01-6  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 43 | vinyl chloride; chloroethylene<br>602-023-00-7   200-831-0   75-01-4  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 44 | hexachlorobenzene<br>602-065-00-6   204-273-9   118-74-1  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 45 | vanadium { divanadium pentaoxide; vanadium pentoxide }<br>023-001-00-8   215-239-8   1314-62-1  |           |            |          | 20.8 mg/kg        | 1.785        | 31.785 mg/kg   | 0.00318 %            | ✓          |                |
| 46 | coronene<br>205-881-7   191-07-1  |           |            |          | <0.4 mg/kg        |              | <0.4 mg/kg     | <0.00004 %           |            | <LOD           |
| 47 | bis(2-chloroethyl) ether<br>603-029-00-2   203-870-1   111-44-4   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 48 | benzyl alcohol<br>603-057-00-5   202-859-9   100-51-6   |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 49 | hexachloroethane<br>200-666-4   67-72-1   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 50 | nitrosodipropylamine<br>612-098-00-8   210-698-0   621-64-7   |           |            |          | <1.1 mg/kg        |              | <1.1 mg/kg     | <0.00011 %           |            | <LOD           |
| 51 | nitrobenzene<br>609-003-00-7   202-716-0   98-95-3  |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 52 | 3,5,5-trimethylcyclohex-2-enone; isophorone<br>606-012-00-8   201-126-0   78-59-1   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 53 | 2-nitrophenol<br>201-857-5   88-75-5  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 54 | 3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]<br>604-006-00-X   202-439-5 [1]   95-65-8 [1]<br>202-461-5 [2]   95-87-4 [2]<br>203-321-6 [3]   105-67-9 [3]<br>208-395-3 [4]   526-75-0 [4]<br>209-400-1 [5]   576-26-1 [5]<br>215-089-3 [6]   1300-71-6 [6]<br>276-245-4 [7]   71975-58-1 [7] |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 55 | benzoic acid<br>607-705-00-8   200-618-2   65-85-0  |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 56 | bis(2-chloroethoxy)methane<br>203-920-2   111-91-1  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 57 | 2,4-dichlorophenol<br>604-011-00-7   204-429-6   120-83-2   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 58 | 4-chloroaniline<br>612-137-00-9   203-401-0   106-47-8  |           |            |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 59 | chlorocresol; 4-chloro-m-cresol;<br>4-chloro-3-methylphenol<br>604-014-00-3   200-431-6   59-50-7   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 60 | 2-methyl naphthalene<br>202-078-3   91-57-6   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 61 | hexachlorocyclopentadiene<br>602-078-00-7   201-029-3   77-47-4   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 62 | 2,4,6-trichlorophenol<br>604-018-00-5   201-795-9   88-06-2   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 63 | 2,4,5-trichlorophenol<br>604-017-00-X   202-467-8   95-95-4   |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 64 | 2-chloronaphthalene<br>202-079-9   91-58-7  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 65 | biphenyl; diphenyl<br>601-042-00-8   202-163-5   92-52-4  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |







| #  | Determinand  |              |                                | CLP Note                       | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|--------------|--------------------------------|--------------------------------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number  | EC Number    | CAS Number                     |                                |                   |              |                |                      |            |                |
| 66 | dimethyl phthalate   | 205-011-6    | 131-11-3                       |                                | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 67 | 2,6-dinitrotoluene   | 609-049-00-8 | 210-106-0                      | 606-20-2                       | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 68 | 2,4-dinitrophenol  | 609-041-00-4 | 200-087-7                      | 51-28-5                        | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 69 | dibenzofuran   | 205-071-3    | 132-64-9                       |                                | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 70 | 4-nitrophenol; p-nitrophenol                                   | 609-015-00-2 | 202-811-7                      | 100-02-7                       | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 71 | 2,4-dinitrotoluene; [1] dinitrotoluene [2]                     | 609-007-00-9 | 204-450-0 [1]<br>246-836-1 [2] | 121-14-2 [1]<br>25321-14-6 [2] | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 72 | diethyl phthalate  | 201-550-6    | 84-66-2                        |                                | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 73 | 4-chlorophenylphenylether                                      | 230-281-7    | 7005-72-3                      |                                | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 74 | DNOC (ISO); 4,6-dinitro-o-cresol                               | 609-020-00-X | 208-601-1                      | 534-52-1                       | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 75 | azobenzene   | 611-001-00-6 | 203-102-5                      | 103-33-3                       | <0.4 mg/kg        |              | <0.4 mg/kg     | <0.00004 %           |            | <LOD           |
| 76 | 4-bromophenylphenylether                                       | 202-952-4    | 101-55-3                       |                                | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 77 | pentachlorophenol  | 604-002-00-8 | 201-778-6                      | 87-86-5                        | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
| 78 | carbazole  | 201-696-0    | 86-74-8                        |                                | <0.4 mg/kg        |              | <0.4 mg/kg     | <0.00004 %           |            | <LOD           |
| 79 | dibutyl phthalate; DBP   | 607-318-00-4 | 201-557-4                      | 84-74-2                        | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
| 80 | BBP; benzyl butyl phthalate                                    | 607-430-00-3 | 201-622-7                      | 85-68-7                        | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 81 | bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP | 607-317-00-9 | 204-211-0                      | 117-81-7                       | 0.3 mg/kg         |              | 0.257 mg/kg    | 0.0000257 %          | ✓          |                |
| 82 | di-n-octyl phthalate   | 204-214-7    | 117-84-0                       |                                | <0.2 mg/kg        |              | <0.2 mg/kg     | <0.00002 %           |            | <LOD           |
| 83 | dichlorodifluoromethane  | 200-893-9    | 75-71-8                        |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 84 | chloromethane; methyl chloride                                 | 602-001-00-7 | 200-817-4                      | 74-87-3                        | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
| 85 | bromomethane; methylbromide                                    | 602-002-00-2 | 200-813-2                      | 74-83-9                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 86 | chloroethane   | 602-009-00-0 | 200-830-5                      | 75-00-3                        | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 87 | trichlorofluoromethane   | 200-892-3    | 75-69-4                        |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 88 | 1,1-dichloroethylene; vinylidene chloride                      | 602-025-00-8 | 200-864-0                      | 75-35-4                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 89 | 2,2-dichloropropane  | 209-832-0    | 594-20-7                       |                                | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 90 | bromochloromethane   | 200-826-3    | 74-97-5                        |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 91 | chloroform; trichloromethane                                   | 602-006-00-4 | 200-663-8                      | 67-66-3                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 92 | 1,1,1-trichloroethane; methyl chloroform                       | 602-013-00-2 | 200-756-3                      | 71-55-6                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 93 | 1,1-dichloropropene  | 602-031-00-0 | 209-253-3                      | 563-58-6                       | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 94 | 1,2-dichloropropane; propylene dichloride                      | 602-020-00-0 | 201-152-2                      | 78-87-5                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |

| #   | 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 |          |                   |              |                |                      |            |                |
| 95  | dibromomethane<br>602-003-00-8   200-824-2   74-95-3   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 96  | bromodichloromethane<br>200-856-7   75-27-4  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 97  | 1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]<br>602-030-00-5   208-826-5 [1]   542-75-6 [1]   233-195-8 [2]   10061-01-5 [2] |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 98  | trans-1,3-dichloropropene<br>431-460-4   10061-02-6  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 99  | 1,1,2-trichloroethane<br>602-014-00-8   201-166-9   79-00-5  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 100 | 1,3-dichloropropane<br>205-531-3   142-28-9  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 101 | dibromochloromethane<br>204-704-0   124-48-1   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 102 | 1,2-dibromoethane<br>602-010-00-6   203-444-5   106-93-4   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 103 | chlorobenzene<br>602-033-00-1   203-628-5   108-90-7   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 104 | 1,1,1,2-tetrachloroethane<br>211-135-1   630-20-6  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 105 | styrene<br>601-026-00-0   202-851-5   100-42-5   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 106 | bromoform; tribromomethane<br>602-007-00-X   200-854-6   75-25-2   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 107 | 1,1,2,2-tetrachloroethane<br>602-015-00-3   201-197-8   79-34-5  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 108 | bromobenzene<br>602-060-00-9   203-623-8   108-86-1  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 109 | 1,2,3-trichloropropane<br>602-062-00-X   202-486-1   96-18-4   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 110 | mesitylene; 1,3,5-trimethylbenzene<br>601-025-00-5   203-604-4   108-67-8  |           |            |          | 0.001 mg/kg       |              | 0.0008 mg/kg   | 0.000000085 %        | ✓          |                |
| 111 | tert-butylbenzene<br>202-632-4   98-06-6   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 112 | 1,2,4-trimethylbenzene<br>601-043-00-3   202-436-9   95-63-6   |           |            |          | 0.002 mg/kg       |              | 0.0017 mg/kg   | 0.000000171 %        | ✓          |                |
| 113 | sec-butylbenzene<br>205-227-0   135-98-8   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 114 | 4-isopropyltoluene<br>202-796-7   99-87-6  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 115 | 1,3-dichlorobenzene<br>602-067-00-7   208-792-1   541-73-1   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 116 | 1,4-dichlorobenzene; p-dichlorobenzene<br>602-035-00-2   203-400-5   106-46-7  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 117 | n-butylbenzene<br>203-209-7   104-51-8   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 118 | 1,2-dichlorobenzene; o-dichlorobenzene<br>602-034-00-7   202-425-9   95-50-1   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 119 | 1,2-dibromo-3-chloropropane<br>602-021-00-6   202-479-3   96-12-8  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 120 | 1,2,4-trichlorobenzene<br>602-087-00-6   204-428-0   120-82-1  |           |            |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
| 121 | hexachlorobutadiene<br>201-765-5   87-68-3   |           |            |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 122 | 1,2,3-trichlorobenzene<br>201-757-1   87-61-6  |           |            |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |



| #      | 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     |          |                   |              |                |                      |            |                |
| 123    | 2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]     |               |                |          | <0.7 mg/kg        |              | <0.7 mg/kg     | <0.00007 %           |            | <LOD           |
|        | 604-008-00-0   | 202-433-2 [1] | 95-57-8 [1]    |          |                   |              |                |                      |            |                |
|        |  | 203-402-6 [2] | 106-48-9 [2]   |          |                   |              |                |                      |            |                |
|        |  | 203-582-6 [3] | 108-43-0 [3]   |          |                   |              |                |                      |            |                |
|        |  | 246-691-4 [4] | 25167-80-0 [4] |          |                   |              |                |                      |            |                |
| 124    | 1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]   |               |                |          | <0.007 mg/kg      |              | <0.007 mg/kg   | <0.0000007 %         |            | <LOD           |
|        | 602-026-00-3   | 208-750-2 [1] | 540-59-0 [1]   |          |                   |              |                |                      |            |                |
|        |  | 205-859-7 [2] | 156-59-2 [2]   |          |                   |              |                |                      |            |                |
|        |  | 205-860-2 [3] | 156-60-5 [3]   |          |                   |              |                |                      |            |                |
| 125    | cumene; [1] propylbenzene [2]  |               |                |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
|        | 601-024-00-X   | 202-704-5 [1] | 98-82-8 [1]    |          |                   |              |                |                      |            |                |
|        |  | 203-132-9 [2] | 103-65-1 [2]   |          |                   |              |                |                      |            |                |
| 126    | 2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] |               |                |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
|        | 602-040-00-X   | 202-424-3 [1] | 95-49-8 [1]    |          |                   |              |                |                      |            |                |
|        |  | 203-580-5 [2] | 108-41-8 [2]   |          |                   |              |                |                      |            |                |
|        |  | 203-397-0 [3] | 106-43-4 [3]   |          |                   |              |                |                      |            |                |
|        |  | 246-698-2 [4] | 25168-05-2 [4] |          |                   |              |                |                      |            |                |
| Total: |  |               |                |          |                   |              |                | 0.0764 %             |            |                |

#### 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 because** Hazard Property HP 3(i) Flammable on account of TPH. 'Flammable liquid waste' defined as 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). The flammability risk of the materials can only be confirmed by means of flash point testing, which was not undertaken as part of the ground investigation. However, the hazardous property HP3(i) relates to liquid waste and the materials sampled were solid. In order to assess the Hazard HP3, the 'decision tree' presented in the WM3 guidance for 'Waste soil' in relation to Hazard HP 3 was followed. The assessment process indicated that the Hazard Property HP 3(i) in the samples listed above can be discounted. The samples are therefore not considered to be 'truly hazardous' by virtue of HP 3(i) and a non-hazardous class is considered most appropriate

Hazard Statements hit:

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

Because of determinands:

benzene: (conc.: 2.57e-07%)

toluene: (conc.: 5.99e-07%)

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

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 0.0144%)

xylene: (conc.: 4.28e-07%)

mesitylene; 1,3,5-trimethylbenzene: (conc.: 8.56e-08%)

1,2,4-trimethylbenzene: (conc.: 1.71e-07%)

**Classification of sample: BH101-7-ES-0.70-26/05/2023**

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

**Sample details**

|                                   |  |
|-----------------------------------|--|
| Sample name:                      | LoW Code:  |
| <b>BH101-7-ES-0.70-26/05/2023</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>0.70 m</b>                     |  |
| Moisture content:                 |  |
| <b>15%</b>                        |  |
| (wet weight correction)           |  |

**Hazard properties**

None identified

**Determinands**

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

| #  | Determinand   |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|---|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number   | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 1  | antimony { antimony trioxide }  |                                |                                |          | 0.5 mg/kg         | 1.197        | 0.509 mg/kg    | 0.0000509 %          | ✓          |                |
|    | 051-005-00-X  | 215-175-0                      | 1309-64-4                      |          |                   |              |                |                      |            |                |
| 2  | arsenic { arsenic trioxide }  |                                |                                |          | 7 mg/kg           | 1.32         | 7.856 mg/kg    | 0.000786 %           | ✓          |                |
|    | 033-003-00-0  | 215-481-4                      | 1327-53-3                      |          |                   |              |                |                      |            |                |
| 3  | beryllium { beryllium oxide }   |                                |                                |          | <0.1 mg/kg        | 2.775        | <0.278 mg/kg   | <0.0000278 %         |            | <LOD           |
|    | 004-003-00-8  | 215-133-1                      | 1304-56-9                      |          |                   |              |                |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }   |                                |                                |          | 2.3 mg/kg         | 3.22         | 6.295 mg/kg    | 0.000629 %           | ✓          |                |
|    | 005-008-00-8  | 215-125-8                      | 1303-86-2                      |          |                   |              |                |                      |            |                |
| 5  | cadmium { cadmium oxide }   |                                |                                |          | 0.2 mg/kg         | 1.142        | 0.194 mg/kg    | 0.0000194 %          | ✓          |                |
|    | 048-002-00-0  | 215-146-2                      | 1306-19-0                      |          |                   |              |                |                      |            |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }  |                                |                                |          | 11.4 mg/kg        | 1.462        | 14.162 mg/kg   | 0.00142 %            | ✓          |                |
|    |   | 215-160-9                      | 1308-38-9                      |          |                   |              |                |                      |            |                |
| 7  | chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                |          | <0.1 mg/kg        | 2.27         | <0.227 mg/kg   | <0.0000227 %         |            | <LOD           |
|    | 024-017-00-8  |                                |                                |          |                   |              |                |                      |            |                |
| 8  | copper { dicopper oxide; copper (I) oxide }   |                                |                                |          | 13.1 mg/kg        | 1.126        | 12.537 mg/kg   | 0.00125 %            | ✓          |                |
|    | 029-002-00-X  | 215-270-7                      | 1317-39-1                      |          |                   |              |                |                      |            |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }  |                                |                                | 1        | 14.9 mg/kg        |              | 12.665 mg/kg   | 0.00127 %            | ✓          |                |
|    | 082-001-00-6  |                                |                                |          |                   |              |                |                      |            |                |
| 10 | mercury { mercury dichloride }  |                                |                                |          | <0.5 mg/kg        | 1.353        | <0.677 mg/kg   | <0.0000677 %         |            | <LOD           |
|    | 080-010-00-X  | 231-299-8                      | 7487-94-7                      |          |                   |              |                |                      |            |                |
| 11 | nickel { nickel sulfate }   |                                |                                |          | 21.6 mg/kg        | 2.637        | 48.41 mg/kg    | 0.00484 %            | ✓          |                |
|    | 028-009-00-5  | 232-104-9                      | 7786-81-4                      |          |                   |              |                |                      |            |                |
| 12 | selenium { nickel selenate }  |                                |                                |          | <0.5 mg/kg        | 2.554        | <1.277 mg/kg   | <0.000128 %          |            | <LOD           |
|    | 028-031-00-5  | 239-125-2                      | 15060-62-5                     |          |                   |              |                |                      |            |                |
| 13 | zinc { zinc sulphate }  |                                |                                |          | 24 mg/kg          | 2.469        | 50.374 mg/kg   | 0.00504 %            | ✓          |                |
|    | 030-006-00-9  | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |              |                |                      |            |                |
| 14 | TPH (C6 to C40) petroleum group   |                                |                                |          | 190 mg/kg         |              | 161.5 mg/kg    | 0.0162 %             | ✓          |                |
|    |   |                                | TPH                            |          |                   |              |                |                      |            |                |


| #  | 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 |          |                   |              |                |                      |            |                |
| 15 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane<br>603-181-00-X 216-653-1 1634-04-4   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 16 | benzene<br>601-020-00-8 200-753-7 71-43-2  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 17 | toluene<br>601-021-00-3 203-625-9 108-88-3   |           |            |          | <0.006 mg/kg      |              | <0.006 mg/kg   | <0.0000006 %         |            | <LOD           |
| 18 | ethylbenzene<br>601-023-00-4 202-849-4 100-41-4  |           |            |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 19 | xylene<br>601-022-00-9 202-422-2 [1] 95-47-6 [1]<br>203-396-5 [2] 106-42-3 [2]<br>203-576-3 [3] 108-38-3 [3]<br>215-535-7 [4] 1330-20-7 [4]  |           |            |          | <0.043 mg/kg      |              | <0.043 mg/kg   | <0.0000043 %         |            | <LOD           |
| 20 | 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 }<br>006-007-00-5 |           |            |          | <0.6 mg/kg        | 1.884        | <1.13 mg/kg    | <0.000113 %          |            | <LOD           |
| 21 | pH<br>PH   |           |            |          | 8.3 pH            |              | 8.3 pH         | 8.3 pH               |            |                |
| 22 | naphthalene<br>601-052-00-2 202-049-5 91-20-3  |           |            |          | <                 |              | <              | <                    |            | ND             |
| 23 | acenaphthylene<br>205-917-1 208-96-8   |           |            |          | <                 |              | <              | <                    |            | ND             |
| 24 | acenaphthene<br>201-469-6 83-32-9  |           |            |          | <                 |              | <              | <                    |            | ND             |
| 25 | fluorene<br>201-695-5 86-73-7  |           |            |          | <                 |              | <              | <                    |            | ND             |
| 26 | phenanthrene<br>201-581-5 85-01-8  |           |            |          | 0.052 mg/kg       |              | 0.0442 mg/kg   | 0.00000442 %         | ✓          |                |
| 27 | anthracene<br>204-371-1 120-12-7   |           |            |          | <                 |              | <              | <                    |            | ND             |
| 28 | fluoranthene<br>205-912-4 206-44-0   |           |            |          | 0.056 mg/kg       |              | 0.0476 mg/kg   | 0.00000476 %         | ✓          |                |
| 29 | pyrene<br>204-927-3 129-00-0   |           |            |          | 0.042 mg/kg       |              | 0.0357 mg/kg   | 0.00000357 %         | ✓          |                |
| 30 | benzo[a]anthracene<br>601-033-00-9 200-280-6 56-55-3   |           |            |          | 0.046 mg/kg       |              | 0.0391 mg/kg   | 0.00000391 %         | ✓          |                |
| 31 | chrysene<br>601-048-00-0 205-923-4 218-01-9  |           |            |          | 0.033 mg/kg       |              | 0.0281 mg/kg   | 0.00000281 %         | ✓          |                |
| 32 | benzo[a]pyrene; benzo[def]chrysene<br>601-032-00-3 200-028-5 50-32-8   |           |            |          | 0.024 mg/kg       |              | 0.0204 mg/kg   | 0.00000204 %         | ✓          |                |
| 33 | indeno[123-cd]pyrene<br>205-893-2 193-39-5   |           |            |          | 0.015 mg/kg       |              | 0.0127 mg/kg   | 0.00000127 %         | ✓          |                |
| 34 | dibenz[a,h]anthracene<br>601-041-00-2 200-181-8 53-70-3  |           |            |          | <                 |              | <              | <                    |            | ND             |
| 35 | benzo[ghi]perylene<br>205-883-8 191-24-2   |           |            |          | 0.017 mg/kg       |              | 0.0145 mg/kg   | 0.00000145 %         | ✓          |                |
| 36 | phenol<br>604-001-00-2 203-632-7 108-95-2  |           |            |          | <                 |              | <              | <                    |            | ND             |
| 37 | 1,1-dichloroethane and 1,2-dichloroethane (combined)<br>203-458-1, 200-863-5 107-06-2, 75-34-3   |           |            |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 38 | tetrachloroethylene<br>602-028-00-4 204-825-9 127-18-4   |           |            |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
| 39 | carbon tetrachloride; tetrachloromethane<br>602-008-00-5 200-262-8 56-23-5   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 40 | trichloroethylene; trichloroethene<br>602-027-00-9 201-167-4 79-01-6   |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |

| #  | 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 |          |                   |              |                |                      |            |                |
| 41 | vinyl chloride; chloroethylene<br>602-023-00-7   200-831-0   75-01-4  |           |            |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 42 | hexachlorobenzene<br>602-065-00-6   204-273-9   118-74-1  |           |            |          | <                 |              | <              | <                    |            | ND             |
| 43 | vanadium { divanadium pentaoxide; vanadium pentoxide }<br>023-001-00-8   215-239-8   1314-62-1  |           |            |          | 17.6 mg/kg        | 1.785        | 26.706 mg/kg   | 0.00267 %            | ✓          |                |
| 44 | bis(2-chloroethyl) ether<br>603-029-00-2   203-870-1   111-44-4   |           |            |          | <                 |              | <              | <                    |            | ND             |
| 45 | hexachloroethane<br>200-666-4   67-72-1   |           |            |          | <                 |              | <              | <                    |            | ND             |
| 46 | nitrosodipropylamine<br>612-098-00-8   210-698-0   621-64-7   |           |            |          | <                 |              | <              | <                    |            | ND             |
| 47 | nitrobenzene<br>609-003-00-7   202-716-0   98-95-3  |           |            |          | <                 |              | <              | <                    |            | ND             |
| 48 | 3,5,5-trimethylcyclohex-2-enone; isophorone<br>606-012-00-8   201-126-0   78-59-1   |           |            |          | <                 |              | <              | <                    |            | ND             |
| 49 | 2-nitrophenol<br>201-857-5   88-75-5  |           |            |          | <                 |              | <              | <                    |            | ND             |
| 50 | 3,4-xylenol; [1] 2,5-xylenol; [2] 2,4-xylenol; [3] 2,3-xylenol; [4] 2,6-xylenol; [5] xylenol; [6] 2,4(or 2,5)-xylenol [7]<br>604-006-00-X   202-439-5 [1]   95-65-8 [1]<br>202-461-5 [2]   95-87-4 [2]<br>203-321-6 [3]   105-67-9 [3]<br>208-395-3 [4]   526-75-0 [4]<br>209-400-1 [5]   576-26-1 [5]<br>215-089-3 [6]   1300-71-6 [6]<br>276-245-4 [7]   71975-58-1 [7] |           |            |          | <                 |              | <              | <                    |            | ND             |
| 51 | bis(2-chloroethoxy)methane<br>203-920-2   111-91-1  |           |            |          | <                 |              | <              | <                    |            | ND             |
| 52 | 2,4-dichlorophenol<br>604-011-00-7   204-429-6   120-83-2   |           |            |          | <                 |              | <              | <                    |            | ND             |
| 53 | 4-chloroaniline<br>612-137-00-9   203-401-0   106-47-8  |           |            |          | <                 |              | <              | <                    |            | ND             |
| 54 | chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol<br>604-014-00-3   200-431-6   59-50-7  |           |            |          | <                 |              | <              | <                    |            | ND             |
| 55 | 2-methyl naphthalene<br>202-078-3   91-57-6   |           |            |          | <                 |              | <              | <                    |            | ND             |
| 56 | hexachlorocyclopentadiene<br>602-078-00-7   201-029-3   77-47-4   |           |            |          | <                 |              | <              | <                    |            | ND             |
| 57 | 2,4,6-trichlorophenol<br>604-018-00-5   201-795-9   88-06-2   |           |            |          | <                 |              | <              | <                    |            | ND             |
| 58 | 2,4,5-trichlorophenol<br>604-017-00-X   202-467-8   95-95-4   |           |            |          | <                 |              | <              | <                    |            | ND             |
| 59 | 2-chloronaphthalene<br>202-079-9   91-58-7  |           |            |          | <                 |              | <              | <                    |            | ND             |
| 60 | dimethyl phthalate<br>205-011-6   131-11-3  |           |            |          | <                 |              | <              | <                    |            | ND             |
| 61 | 2,6-dinitrotoluene<br>609-049-00-8   210-106-0   606-20-2   |           |            |          | <                 |              | <              | <                    |            | ND             |
| 62 | dibenzofuran<br>205-071-3   132-64-9  |           |            |          | <                 |              | <              | <                    |            | ND             |
| 63 | 4-nitrophenol; p-nitrophenol<br>609-015-00-2   202-811-7   100-02-7   |           |            |          | <                 |              | <              | <                    |            | ND             |
| 64 | 2,4-dinitrotoluene; [1] dinitrotoluene [2]<br>609-007-00-9   204-450-0 [1]   121-14-2 [1]<br>246-836-1 [2]   25321-14-6 [2]   |           |            |          | <                 |              | <              | <                    |            | ND             |
| 65 | diethyl phthalate<br>201-550-6   84-66-2  |           |            |          | <                 |              | <              | <                    |            | ND             |

| #  | 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                     |                                |                   |              |                |                      |            |                |
| 66 | 4-chlorophenylphenylether                                      | 230-281-7    | 7005-72-3                      |                                | <                 |              | <              | <                    |            | ND             |
| 67 | azobenzene   | 611-001-00-6 | 203-102-5                      | 103-33-3                       | <                 |              | <              | <                    |            | ND             |
| 68 | 4-bromophenylphenylether                                       | 202-952-4    | 101-55-3                       |                                | <                 |              | <              | <                    |            | ND             |
| 69 | pentachlorophenol  | 604-002-00-8 | 201-778-6                      | 87-86-5                        | <                 |              | <              | <                    |            | ND             |
| 70 | carbazole  | 201-696-0    | 86-74-8                        |                                | <                 |              | <              | <                    |            | ND             |
| 71 | dibutyl phthalate; DBP   | 607-318-00-4 | 201-557-4                      | 84-74-2                        | <                 |              | <              | <                    |            | ND             |
| 72 | BBP; benzyl butyl phthalate                                    | 607-430-00-3 | 201-622-7                      | 85-68-7                        | <                 |              | <              | <                    |            | ND             |
| 73 | bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP | 607-317-00-9 | 204-211-0                      | 117-81-7                       | <                 |              | <              | <                    |            | ND             |
| 74 | di-n-octyl phthalate   | 204-214-7    | 117-84-0                       |                                | <                 |              | <              | <                    |            | ND             |
| 75 | dichlorodifluoromethane  | 200-893-9    | 75-71-8                        |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 76 | chloromethane; methyl chloride                                 | 602-001-00-7 | 200-817-4                      | 74-87-3                        | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
| 77 | bromomethane; methylbromide                                    | 602-002-00-2 | 200-813-2                      | 74-83-9                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 78 | chloroethane   | 602-009-00-0 | 200-830-5                      | 75-00-3                        | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 79 | trichlorofluoromethane   | 200-892-3    | 75-69-4                        |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 80 | 1,1-dichloroethylene; vinylidene chloride                      | 602-025-00-8 | 200-864-0                      | 75-35-4                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 81 | 2,2-dichloropropane  | 209-832-0    | 594-20-7                       |                                | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 82 | bromochloromethane   | 200-826-3    | 74-97-5                        |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 83 | chloroform; trichloromethane                                   | 602-006-00-4 | 200-663-8                      | 67-66-3                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 84 | 1,1,1-trichloroethane; methyl chloroform                       | 602-013-00-2 | 200-756-3                      | 71-55-6                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 85 | 1,1-dichloropropene  | 602-031-00-0 | 209-253-3                      | 563-58-6                       | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 86 | 1,2-dichloropropane; propylene dichloride                      | 602-020-00-0 | 201-152-2                      | 78-87-5                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 87 | dibromomethane   | 602-003-00-8 | 200-824-2                      | 74-95-3                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 88 | bromodichloromethane   | 200-856-7    | 75-27-4                        |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 89 | 1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]           | 602-030-00-5 | 208-826-5 [1]<br>233-195-8 [2] | 542-75-6 [1]<br>10061-01-5 [2] | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 90 | trans-1,3-dichloropropene                                      | 431-460-4    | 10061-02-6                     |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 91 | 1,1,2-trichloroethane  | 602-014-00-8 | 201-166-9                      | 79-00-5                        | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 92 | 1,3-dichloropropane  | 205-531-3    | 142-28-9                       |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 93 | dibromochloromethane   | 204-704-0    | 124-48-1                       |                                | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 94 | 1,2-dibromoethane  | 602-010-00-6 | 203-444-5                      | 106-93-4                       | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |

| #      | 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  |          |                   |              |                |                      |            |                |
| 95     | chlorobenzene<br>602-033-00-1  | 203-628-5  | 108-90-7  |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 96     | 1,1,1,2-tetrachloroethane<br>211-135-1   | 630-20-6   |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 97     | styrene<br>601-026-00-0  | 202-851-5  | 100-42-5  |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 98     | bromoform; tribromomethane<br>602-007-00-X   | 200-854-6  | 75-25-2   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 99     | 1,1,2,2-tetrachloroethane<br>602-015-00-3  | 201-197-8  | 79-34-5   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 100    | bromobenzene<br>602-060-00-9   | 203-623-8  | 108-86-1  |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 101    | 1,2,3-trichloropropane<br>602-062-00-X   | 202-486-1  | 96-18-4   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 102    | mesitylene; 1,3,5-trimethylbenzene<br>601-025-00-5   | 203-604-4  | 108-67-8  |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 103    | tert-butylbenzene<br>202-632-4   | 98-06-6  |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 104    | 1,2,4-trimethylbenzene<br>601-043-00-3   | 202-436-9  | 95-63-6   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 105    | sec-butylbenzene<br>205-227-0  | 135-98-8   |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 106    | 4-isopropyltoluene<br>202-796-7  | 99-87-6  |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 107    | 1,3-dichlorobenzene<br>602-067-00-7  | 208-792-1  | 541-73-1  |          | <                 |              | <              | <                    |            | ND             |
| 108    | 1,4-dichlorobenzene; p-dichlorobenzene<br>602-035-00-2   | 203-400-5  | 106-46-7  |          | <                 |              | <              | <                    |            | ND             |
| 109    | n-butylbenzene<br>203-209-7  | 104-51-8   |   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 110    | 1,2-dichlorobenzene; o-dichlorobenzene<br>602-034-00-7   | 202-425-9  | 95-50-1   |          | <                 |              | <              | <                    |            | ND             |
| 111    | 1,2-dibromo-3-chloropropane<br>602-021-00-6  | 202-479-3  | 96-12-8   |          | <0.001 mg/kg      |              | <0.001 mg/kg   | <0.0000001 %         |            | <LOD           |
| 112    | 1,2,4-trichlorobenzene<br>602-087-00-6   | 204-428-0  | 120-82-1  |          | <                 |              | <              | <                    |            | ND             |
| 113    | hexachlorobutadiene<br>201-765-5   | 87-68-3  |   |          | <                 |              | <              | <                    |            | ND             |
| 114    | 1,2,3-trichlorobenzene<br>201-757-1  | 87-61-6  |   |          | <0.004 mg/kg      |              | <0.004 mg/kg   | <0.0000004 %         |            | <LOD           |
| 115    | 2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]<br>604-008-00-0     | 202-433-2 [1]<br>203-402-6 [2]<br>203-582-6 [3]<br>246-691-4 [4] | 95-57-8 [1]<br>106-48-9 [2]<br>108-43-0 [3]<br>25167-80-0 [4] |          | <                 |              | <              | <                    |            | ND             |
| 116    | 1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]<br>602-026-00-3   | 208-750-2 [1]<br>205-859-7 [2]<br>205-860-2 [3]                  | 540-59-0 [1]<br>156-59-2 [2]<br>156-60-5 [3]                  |          | <0.007 mg/kg      |              | <0.007 mg/kg   | <0.0000007 %         |            | <LOD           |
| 117    | cumene; [1] propylbenzene [2]<br>601-024-00-X  | 202-704-5 [1]<br>203-132-9 [2]                                   | 98-82-8 [1]<br>103-65-1 [2]                                   |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 118    | 2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]<br>602-040-00-X | 202-424-3 [1]<br>203-580-5 [2]<br>203-397-0 [3]<br>246-698-2 [4] | 95-49-8 [1]<br>108-41-8 [2]<br>106-43-4 [3]<br>25168-05-2 [4] |          | <0.002 mg/kg      |              | <0.002 mg/kg   | <0.0000002 %         |            | <LOD           |
| 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)   |
|  | Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration |
| <LOD  | Below limit of detection  |
| ND  | Not detected  |
| CLP: Note 1   | Only the metal concentration has been used for classification   |

## Supplementary Hazardous Property Information

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

**Force this Hazardous property to non hazardous because** Hazard Property HP 3(i) Flammable on account of TPH. 'Flammable liquid waste' defined as 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). The flammability risk of the materials can only be confirmed by means of flash point testing, which was not undertaken as part of the ground investigation. However, the hazardous property HP3(i) relates to liquid waste and the materials sampled were solid. In order to assess the Hazard HP3, the 'decision tree' presented in the WM3 guidance for 'Waste soil' in relation to Hazard HP 3 was followed. The assessment process indicated that the Hazard Property HP 3(i) in the samples listed above can be discounted. The samples are therefore not considered to be 'truly hazardous' by virtue of HP 3(i) and a non-hazardous class is considered most appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0162%)

**Classification of sample: BH103-2-ES-0.20-02/05/2023**

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

**Sample details**

|                                   |  |
|-----------------------------------|--|
| Sample name:                      | LoW Code:  |
| <b>BH103-2-ES-0.20-02/05/2023</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>14.7%</b>                      |  |
| (wet weight correction)           |  |

**Hazard properties**

None identified

**Determinands**

Moisture content: 14.7% Wet Weight Moisture Correction applied (MC)

| #  | Determinand   |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|---|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number   | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 1  | antimony { antimony trioxide }  |                                |                                |          | 3 mg/kg           | 1.197        | 3.063 mg/kg    | 0.000306 %           | ✓          |                |
|    | 051-005-00-X  | 215-175-0                      | 1309-64-4                      |          |                   |              |                |                      |            |                |
| 2  | arsenic { arsenic trioxide }  |                                |                                |          | 20.4 mg/kg        | 1.32         | 22.975 mg/kg   | 0.0023 %             | ✓          |                |
|    | 033-003-00-0  | 215-481-4                      | 1327-53-3                      |          |                   |              |                |                      |            |                |
| 3  | beryllium { beryllium oxide }   |                                |                                |          | 0.19 mg/kg        | 2.775        | 0.45 mg/kg     | 0.000045 %           | ✓          |                |
|    | 004-003-00-8  | 215-133-1                      | 1304-56-9                      |          |                   |              |                |                      |            |                |
| 4  | boron { diboron trioxide; boric oxide }   |                                |                                |          | 1 mg/kg           | 3.22         | 2.747 mg/kg    | 0.000275 %           | ✓          |                |
|    | 005-008-00-8  | 215-125-8                      | 1303-86-2                      |          |                   |              |                |                      |            |                |
| 5  | cadmium { cadmium oxide }   |                                |                                |          | 0.9 mg/kg         | 1.142        | 0.877 mg/kg    | 0.0000877 %          | ✓          |                |
|    | 048-002-00-0  | 215-146-2                      | 1306-19-0                      |          |                   |              |                |                      |            |                |
| 6  | chromium in chromium(III) compounds { chromium(III) oxide (worst case) }  |                                |                                |          | 19.6 mg/kg        | 1.462        | 24.435 mg/kg   | 0.00244 %            | ✓          |                |
|    |   | 215-160-9                      | 1308-38-9                      |          |                   |              |                |                      |            |                |
| 7  | chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |                                |                                |          | <0.1 mg/kg        | 2.27         | <0.227 mg/kg   | <0.0000227 %         |            | <LOD           |
|    | 024-017-00-8  |                                |                                |          |                   |              |                |                      |            |                |
| 8  | copper { dicopper oxide; copper (I) oxide }   |                                |                                |          | 42.3 mg/kg        | 1.126        | 40.624 mg/kg   | 0.00406 %            | ✓          |                |
|    | 029-002-00-X  | 215-270-7                      | 1317-39-1                      |          |                   |              |                |                      |            |                |
| 9  | lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }  |                                |                                | 1        | 1076 mg/kg        |              | 917.828 mg/kg  | 0.0918 %             | ✓          |                |
|    | 082-001-00-6  |                                |                                |          |                   |              |                |                      |            |                |
| 10 | mercury { mercury dichloride }  |                                |                                |          | 0.8 mg/kg         | 1.353        | 0.924 mg/kg    | 0.0000924 %          | ✓          |                |
|    | 080-010-00-X  | 231-299-8                      | 7487-94-7                      |          |                   |              |                |                      |            |                |
| 11 | nickel { nickel sulfate }   |                                |                                |          | 29.5 mg/kg        | 2.637        | 66.348 mg/kg   | 0.00663 %            | ✓          |                |
|    | 028-009-00-5  | 232-104-9                      | 7786-81-4                      |          |                   |              |                |                      |            |                |
| 12 | selenium { nickel selenate }  |                                |                                |          | <0.5 mg/kg        | 2.554        | <1.277 mg/kg   | <0.000128 %          |            | <LOD           |
|    | 028-031-00-5  | 239-125-2                      | 15060-62-5                     |          |                   |              |                |                      |            |                |
| 13 | zinc { zinc sulphate }  |                                |                                |          | 279.1 mg/kg       | 2.469        | 587.871 mg/kg  | 0.0588 %             | ✓          |                |
|    | 030-006-00-9  | 231-793-3 [1]<br>231-793-3 [2] | 7446-19-7 [1]<br>7733-02-0 [2] |          |                   |              |                |                      |            |                |
| 14 | TPH (C6 to C40) petroleum group   |                                |                                |          | 291 mg/kg         |              | 248.223 mg/kg  | 0.0248 %             | ✓          |                |
|    |   |                                | TPH                            |          |                   |              |                |                      |            |                |



| #  | 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   |          |                   |              |                |                      |            |                |
| 15 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane   |  |  |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|    | 603-181-00-X   | 216-653-1  | 1634-04-4  |          |                   |              |                |                      |            |                |
| 16 | benzene  |  |  |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|    | 601-020-00-8   | 200-753-7  | 71-43-2  |          |                   |              |                |                      |            |                |
| 17 | toluene  |  |  |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|    | 601-021-00-3   | 203-625-9  | 108-88-3   |          |                   |              |                |                      |            |                |
| 18 | ethylbenzene   |  |  |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|    | 601-023-00-4   | 202-849-4  | 100-41-4   |          |                   |              |                |                      |            |                |
| 19 | xylene   |  |  |          | <0.105 mg/kg      |              | <0.105 mg/kg   | <0.0000105 %         |            | <LOD           |
|    | 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] |          |                   |              |                |                      |            |                |
| 20 | cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } |  |  |          | <0.6 mg/kg        | 1.884        | <1.13 mg/kg    | <0.000113 %          |            | <LOD           |
|    | 006-007-00-5   |  |  |          |                   |              |                |                      |            |                |
| 21 | pH   |  |  |          | 8.7 pH            |              | 8.7 pH         | 8.7 pH               |            |                |
|    |  |  | PH   |          |                   |              |                |                      |            |                |
| 22 | naphthalene  |  |  |          | <0.059 mg/kg      |              | <0.059 mg/kg   | <0.0000059 %         |            | <LOD           |
|    | 601-052-00-2   | 202-049-5  | 91-20-3  |          |                   |              |                |                      |            |                |
| 23 | acenaphthylene   |  |  |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
|    |  | 205-917-1  | 208-96-8   |          |                   |              |                |                      |            |                |
| 24 | acenaphthene   |  |  |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
|    |  | 201-469-6  | 83-32-9  |          |                   |              |                |                      |            |                |
| 25 | fluorene   |  |  |          | <2.3 mg/kg        |              | <2.3 mg/kg     | <0.00023 %           |            | <LOD           |
|    |  | 201-695-5  | 86-73-7  |          |                   |              |                |                      |            |                |
| 26 | phenanthrene   |  |  |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
|    |  | 201-581-5  | 85-01-8  |          |                   |              |                |                      |            |                |
| 27 | anthracene   |  |  |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
|    |  | 204-371-1  | 120-12-7   |          |                   |              |                |                      |            |                |
| 28 | fluoranthene   |  |  |          | <2.3 mg/kg        |              | <2.3 mg/kg     | <0.00023 %           |            | <LOD           |
|    |  | 205-912-4  | 206-44-0   |          |                   |              |                |                      |            |                |
| 29 | pyrene   |  |  |          | <2.3 mg/kg        |              | <2.3 mg/kg     | <0.00023 %           |            | <LOD           |
|    |  | 204-927-3  | 129-00-0   |          |                   |              |                |                      |            |                |
| 30 | benzo[a]anthracene   |  |  |          | <2.3 mg/kg        |              | <2.3 mg/kg     | <0.00023 %           |            | <LOD           |
|    | 601-033-00-9   | 200-280-6  | 56-55-3  |          |                   |              |                |                      |            |                |
| 31 | chrysene   |  |  |          | <2.3 mg/kg        |              | <2.3 mg/kg     | <0.00023 %           |            | <LOD           |
|    | 601-048-00-0   | 205-923-4  | 218-01-9   |          |                   |              |                |                      |            |                |
| 32 | benzo[b]fluoranthene   |  |  |          | <2.3 mg/kg        |              | <2.3 mg/kg     | <0.00023 %           |            | <LOD           |
|    | 601-034-00-4   | 205-911-9  | 205-99-2   |          |                   |              |                |                      |            |                |
| 33 | benzo[k]fluoranthene   |  |  |          | <2.3 mg/kg        |              | <2.3 mg/kg     | <0.00023 %           |            | <LOD           |
|    | 601-036-00-5   | 205-916-6  | 207-08-9   |          |                   |              |                |                      |            |                |
| 34 | benzo[a]pyrene; benzo[def]chrysene   |  |  |          | <2.3 mg/kg        |              | <2.3 mg/kg     | <0.00023 %           |            | <LOD           |
|    | 601-032-00-3   | 200-028-5  | 50-32-8  |          |                   |              |                |                      |            |                |
| 35 | indeno[123-cd]pyrene   |  |  |          | <5.9 mg/kg        |              | <5.9 mg/kg     | <0.00059 %           |            | <LOD           |
|    |  | 205-893-2  | 193-39-5   |          |                   |              |                |                      |            |                |
| 36 | dibenz[a,h]anthracene  |  |  |          | <5.9 mg/kg        |              | <5.9 mg/kg     | <0.00059 %           |            | <LOD           |
|    | 601-041-00-2   | 200-181-8  | 53-70-3  |          |                   |              |                |                      |            |                |
| 37 | benzo[ghi]perylene   |  |  |          | <5.9 mg/kg        |              | <5.9 mg/kg     | <0.00059 %           |            | <LOD           |
|    |  | 205-883-8  | 191-24-2   |          |                   |              |                |                      |            |                |
| 38 | phenol   |  |  |          | <0.6 mg/kg        |              | <0.6 mg/kg     | <0.00006 %           |            | <LOD           |
|    | 604-001-00-2   | 203-632-7  | 108-95-2   |          |                   |              |                |                      |            |                |
| 39 | 1,1-dichloroethane and 1,2-dichloroethane (combined)   |  |  |          | <0.024 mg/kg      |              | <0.024 mg/kg   | <0.0000024 %         |            | <LOD           |
|    |  | 203-458-1,<br>200-863-5  | 107-06-2, 75-34-3  |          |                   |              |                |                      |            |                |
| 40 | tetrachloroethylene  |  |  |          | <0.035 mg/kg      |              | <0.035 mg/kg   | <0.0000035 %         |            | <LOD           |
|    | 602-028-00-4   | 204-825-9  | 127-18-4   |          |                   |              |                |                      |            |                |







| #  | 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 |          |                   |              |                |                      |            |                |
| 41 | carbon tetrachloride; tetrachloromethane<br>602-008-00-5   200-262-8   56-23-5   |           |            |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
| 42 | trichloroethylene; trichloroethene<br>602-027-00-9   201-167-4   79-01-6   |           |            |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
| 43 | vinyl chloride; chloroethylene<br>602-023-00-7   200-831-0   75-01-4   |           |            |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
| 44 | hexachlorobenzene<br>602-065-00-6   204-273-9   118-74-1   |           |            |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
| 45 | polychlorobiphenyls; PCB<br>602-039-00-4   215-648-1   1336-36-3   |           |            |          | <0.0058 mg/kg     |              | <0.0058 mg/kg  | <0.000000586 %       |            | <LOD           |
| 46 | vanadium { divanadium pentaoxide; vanadium pentoxide }<br>023-001-00-8   215-239-8   1314-62-1   |           |            |          | 36.6 mg/kg        | 1.785        | 55.733 mg/kg   | 0.00557 %            | ✓          |                |
| 47 | coronene<br>205-881-7   191-07-1   |           |            |          | <3.5 mg/kg        |              | <3.5 mg/kg     | <0.00035 %           |            | <LOD           |
| 48 | bis(2-chloroethyl) ether<br>603-029-00-2   203-870-1   111-44-4  |           |            |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
| 49 | benzyl alcohol<br>603-057-00-5   202-859-9   100-51-6  |           |            |          | <5.9 mg/kg        |              | <5.9 mg/kg     | <0.00059 %           |            | <LOD           |
| 50 | hexachloroethane<br>200-666-4   67-72-1  |           |            |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
| 51 | nitrosodipropylamine<br>612-098-00-8   210-698-0   621-64-7  |           |            |          | <10.6 mg/kg       |              | <10.6 mg/kg    | <0.00106 %           |            | <LOD           |
| 52 | nitrobenzene<br>609-003-00-7   202-716-0   98-95-3   |           |            |          | <5.9 mg/kg        |              | <5.9 mg/kg     | <0.00059 %           |            | <LOD           |
| 53 | 3,5,5-trimethylcyclohex-2-enone; isophorone<br>606-012-00-8   201-126-0   78-59-1  |           |            |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
| 54 | 2-nitrophenol<br>201-857-5   88-75-5   |           |            |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
| 55 | 3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]<br>604-006-00-X   202-439-5 [1]   95-65-8 [1]   202-461-5 [2]   95-87-4 [2]   203-321-6 [3]   105-67-9 [3]   208-395-3 [4]   526-75-0 [4]   209-400-1 [5]   576-26-1 [5]   215-089-3 [6]   1300-71-6 [6]   276-245-4 [7]   71975-58-1 [7] |           |            |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
| 56 | benzoic acid<br>607-705-00-8   200-618-2   65-85-0   |           |            |          | <5.9 mg/kg        |              | <5.9 mg/kg     | <0.00059 %           |            | <LOD           |
| 57 | bis(2-chloroethoxy)methane<br>203-920-2   111-91-1   |           |            |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
| 58 | 2,4-dichlorophenol<br>604-011-00-7   204-429-6   120-83-2  |           |            |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
| 59 | 4-chloroaniline<br>612-137-00-9   203-401-0   106-47-8   |           |            |          | <5.9 mg/kg        |              | <5.9 mg/kg     | <0.00059 %           |            | <LOD           |
| 60 | chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol<br>604-014-00-3   200-431-6   59-50-7   |           |            |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
| 61 | 2-methyl naphthalene<br>202-078-3   91-57-6  |           |            |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
| 62 | hexachlorocyclopentadiene<br>602-078-00-7   201-029-3   77-47-4  |           |            |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
| 63 | 2,4,6-trichlorophenol<br>604-018-00-5   201-795-9   88-06-2  |           |            |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
| 64 | 2,4,5-trichlorophenol<br>604-017-00-X   202-467-8   95-95-4  |           |            |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
| 65 | 2-chloronaphthalene<br>202-079-9   91-58-7   |           |            |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |

| #  | 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                     |          |                   |              |                |                      |            |                |
| 66 | biphenyl; diphenyl   |                                |                                |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
|    | 601-042-00-8   | 202-163-5                      | 92-52-4                        |          |                   |              |                |                      |            |                |
| 67 | dimethyl phthalate   |                                |                                |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
|    |  | 205-011-6                      | 131-11-3                       |          |                   |              |                |                      |            |                |
| 68 | 2,6-dinitrotoluene   |                                |                                |          | <5.9 mg/kg        |              | <5.9 mg/kg     | <0.00059 %           |            | <LOD           |
|    | 609-049-00-8   | 210-106-0                      | 606-20-2                       |          |                   |              |                |                      |            |                |
| 69 | 2,4-dinitrophenol  |                                |                                |          | <5.9 mg/kg        |              | <5.9 mg/kg     | <0.00059 %           |            | <LOD           |
|    | 609-041-00-4   | 200-087-7                      | 51-28-5                        |          |                   |              |                |                      |            |                |
| 70 | dibenzofuran   |                                |                                |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
|    |  | 205-071-3                      | 132-64-9                       |          |                   |              |                |                      |            |                |
| 71 | 4-nitrophenol; p-nitrophenol                                   |                                |                                |          | <5.9 mg/kg        |              | <5.9 mg/kg     | <0.00059 %           |            | <LOD           |
|    | 609-015-00-2   | 202-811-7                      | 100-02-7                       |          |                   |              |                |                      |            |                |
| 72 | 2,4-dinitrotoluene; [1] dinitrotoluene [2]                     |                                |                                |          | <2.3 mg/kg        |              | <2.3 mg/kg     | <0.00023 %           |            | <LOD           |
|    | 609-007-00-9   | 204-450-0 [1]<br>246-836-1 [2] | 121-14-2 [1]<br>25321-14-6 [2] |          |                   |              |                |                      |            |                |
| 73 | diethyl phthalate  |                                |                                |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
|    |  | 201-550-6                      | 84-66-2                        |          |                   |              |                |                      |            |                |
| 74 | 4-chlorophenylphenylether                                      |                                |                                |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
|    |  | 230-281-7                      | 7005-72-3                      |          |                   |              |                |                      |            |                |
| 75 | DNOC (ISO); 4,6-dinitro-o-cresol                               |                                |                                |          | <2.3 mg/kg        |              | <2.3 mg/kg     | <0.00023 %           |            | <LOD           |
|    | 609-020-00-X   | 208-601-1                      | 534-52-1                       |          |                   |              |                |                      |            |                |
| 76 | azobenzene   |                                |                                |          | <3.5 mg/kg        |              | <3.5 mg/kg     | <0.00035 %           |            | <LOD           |
|    | 611-001-00-6   | 203-102-5                      | 103-33-3                       |          |                   |              |                |                      |            |                |
| 77 | 4-bromophenylphenylether                                       |                                |                                |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
|    |  | 202-952-4                      | 101-55-3                       |          |                   |              |                |                      |            |                |
| 78 | pentachlorophenol  |                                |                                |          | <5.9 mg/kg        |              | <5.9 mg/kg     | <0.00059 %           |            | <LOD           |
|    | 604-002-00-8   | 201-778-6                      | 87-86-5                        |          |                   |              |                |                      |            |                |
| 79 | carbazole  |                                |                                |          | <3.5 mg/kg        |              | <3.5 mg/kg     | <0.00035 %           |            | <LOD           |
|    |  | 201-696-0                      | 86-74-8                        |          |                   |              |                |                      |            |                |
| 80 | dibutyl phthalate; DBP   |                                |                                |          | <1.2 mg/kg        |              | <1.2 mg/kg     | <0.00012 %           |            | <LOD           |
|    | 607-318-00-4   | 201-557-4                      | 84-74-2                        |          |                   |              |                |                      |            |                |
| 81 | BBP; benzyl butyl phthalate                                    |                                |                                |          | <2.3 mg/kg        |              | <2.3 mg/kg     | <0.00023 %           |            | <LOD           |
|    | 607-430-00-3   | 201-622-7                      | 85-68-7                        |          |                   |              |                |                      |            |                |
| 82 | bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP |                                |                                |          | <2.3 mg/kg        |              | <2.3 mg/kg     | <0.00023 %           |            | <LOD           |
|    | 607-317-00-9   | 204-211-0                      | 117-81-7                       |          |                   |              |                |                      |            |                |
| 83 | di-n-octyl phthalate   |                                |                                |          | <2.3 mg/kg        |              | <2.3 mg/kg     | <0.00023 %           |            | <LOD           |
|    |  | 204-214-7                      | 117-84-0                       |          |                   |              |                |                      |            |                |
| 84 | dichlorodifluoromethane  |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|    |  | 200-893-9                      | 75-71-8                        |          |                   |              |                |                      |            |                |
| 85 | chloromethane; methyl chloride                                 |                                |                                |          | <0.035 mg/kg      |              | <0.035 mg/kg   | <0.0000035 %         |            | <LOD           |
|    | 602-001-00-7   | 200-817-4                      | 74-87-3                        |          |                   |              |                |                      |            |                |
| 86 | bromomethane; methylbromide                                    |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|    | 602-002-00-2   | 200-813-2                      | 74-83-9                        |          |                   |              |                |                      |            |                |
| 87 | chloroethane   |                                |                                |          | <0.023 mg/kg      |              | <0.023 mg/kg   | <0.0000023 %         |            | <LOD           |
|    | 602-009-00-0   | 200-830-5                      | 75-00-3                        |          |                   |              |                |                      |            |                |
| 88 | trichlorofluoromethane   |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|    |  | 200-892-3                      | 75-69-4                        |          |                   |              |                |                      |            |                |
| 89 | 1,1-dichloroethylene; vinylidene chloride                      |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|    | 602-025-00-8   | 200-864-0                      | 75-35-4                        |          |                   |              |                |                      |            |                |
| 90 | 2,2-dichloropropane  |                                |                                |          | <0.023 mg/kg      |              | <0.023 mg/kg   | <0.0000023 %         |            | <LOD           |
|    |  | 209-832-0                      | 594-20-7                       |          |                   |              |                |                      |            |                |
| 91 | bromochloromethane   |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|    |  | 200-826-3                      | 74-97-5                        |          |                   |              |                |                      |            |                |
| 92 | chloroform; trichloromethane                                   |                                |                                |          | 0.017 mg/kg       |              | 0.0145 mg/kg   | 0.00000145 %         | ✓          |                |
|    | 602-006-00-4   | 200-663-8                      | 67-66-3                        |          |                   |              |                |                      |            |                |
| 93 | 1,1,1-trichloroethane; methyl chloroform                       |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|    | 602-013-00-2   | 200-756-3                      | 71-55-6                        |          |                   |              |                |                      |            |                |
| 94 | 1,1-dichloropropene  |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|    | 602-031-00-0   | 209-253-3                      | 563-58-6                       |          |                   |              |                |                      |            |                |

| #   | Determinand  |                                |                                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|-----|--|--------------------------------|--------------------------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|     | EU CLP index number                                  | EC Number                      | CAS Number                     |          |                   |              |                |                      |            |                |
| 95  | 1,2-dichloropropane; propylene dichloride            |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     | 602-020-00-0   | 201-152-2                      | 78-87-5                        |          |                   |              |                |                      |            |                |
| 96  | dibromomethane                                       |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     | 602-003-00-8   | 200-824-2                      | 74-95-3                        |          |                   |              |                |                      |            |                |
| 97  | bromodichloromethane                                 |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     |  | 200-856-7                      | 75-27-4                        |          |                   |              |                |                      |            |                |
| 98  | 1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     | 602-030-00-5   | 208-826-5 [1]<br>233-195-8 [2] | 542-75-6 [1]<br>10061-01-5 [2] |          |                   |              |                |                      |            |                |
| 99  | trans-1,3-dichloropropene                            |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     |  | 431-460-4                      | 10061-02-6                     |          |                   |              |                |                      |            |                |
| 100 | 1,1,2-trichloroethane                                |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     | 602-014-00-8   | 201-166-9                      | 79-00-5                        |          |                   |              |                |                      |            |                |
| 101 | 1,3-dichloropropane                                  |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     |  | 205-531-3                      | 142-28-9                       |          |                   |              |                |                      |            |                |
| 102 | dibromochloromethane                                 |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     |  | 204-704-0                      | 124-48-1                       |          |                   |              |                |                      |            |                |
| 103 | 1,2-dibromoethane                                    |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     | 602-010-00-6   | 203-444-5                      | 106-93-4                       |          |                   |              |                |                      |            |                |
| 104 | chlorobenzene  |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     | 602-033-00-1   | 203-628-5                      | 108-90-7                       |          |                   |              |                |                      |            |                |
| 105 | 1,1,1,2-tetrachloroethane                            |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     |  | 211-135-1                      | 630-20-6                       |          |                   |              |                |                      |            |                |
| 106 | styrene  |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     | 601-026-00-0   | 202-851-5                      | 100-42-5                       |          |                   |              |                |                      |            |                |
| 107 | bromoform; tribromomethane                           |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     | 602-007-00-X   | 200-854-6                      | 75-25-2                        |          |                   |              |                |                      |            |                |
| 108 | 1,1,1,2-tetrachloroethane                            |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     | 602-015-00-3   | 201-197-8                      | 79-34-5                        |          |                   |              |                |                      |            |                |
| 109 | bromobenzene   |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     | 602-060-00-9   | 203-623-8                      | 108-86-1                       |          |                   |              |                |                      |            |                |
| 110 | 1,2,3-trichloropropane                               |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     | 602-062-00-X   | 202-486-1                      | 96-18-4                        |          |                   |              |                |                      |            |                |
| 111 | mesitylene; 1,3,5-trimethylbenzene                   |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     | 601-025-00-5   | 203-604-4                      | 108-67-8                       |          |                   |              |                |                      |            |                |
| 112 | tert-butylbenzene                                    |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     |  | 202-632-4                      | 98-06-6                        |          |                   |              |                |                      |            |                |
| 113 | 1,2,4-trimethylbenzene                               |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     | 601-043-00-3   | 202-436-9                      | 95-63-6                        |          |                   |              |                |                      |            |                |
| 114 | sec-butylbenzene                                     |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     |  | 205-227-0                      | 135-98-8                       |          |                   |              |                |                      |            |                |
| 115 | 4-isopropyltoluene                                   |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     |  | 202-796-7                      | 99-87-6                        |          |                   |              |                |                      |            |                |
| 116 | 1,3-dichlorobenzene                                  |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     | 602-067-00-7   | 208-792-1                      | 541-73-1                       |          |                   |              |                |                      |            |                |
| 117 | 1,4-dichlorobenzene; p-dichlorobenzene               |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     | 602-035-00-2   | 203-400-5                      | 106-46-7                       |          |                   |              |                |                      |            |                |
| 118 | n-butylbenzene                                       |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     |  | 203-209-7                      | 104-51-8                       |          |                   |              |                |                      |            |                |
| 119 | 1,2-dichlorobenzene; o-dichlorobenzene               |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     | 602-034-00-7   | 202-425-9                      | 95-50-1                        |          |                   |              |                |                      |            |                |
| 120 | 1,2-dibromo-3-chloropropane                          |                                |                                |          | <0.012 mg/kg      |              | <0.012 mg/kg   | <0.0000012 %         |            | <LOD           |
|     | 602-021-00-6   | 202-479-3                      | 96-12-8                        |          |                   |              |                |                      |            |                |
| 121 | 1,2,4-trichlorobenzene                               |                                |                                |          | <0.035 mg/kg      |              | <0.035 mg/kg   | <0.0000035 %         |            | <LOD           |
|     | 602-087-00-6   | 204-428-0                      | 120-82-1                       |          |                   |              |                |                      |            |                |
| 122 | hexachlorobutadiene                                  |                                |                                |          | <0.023 mg/kg      |              | <0.023 mg/kg   | <0.0000023 %         |            | <LOD           |
|     |  | 201-765-5                      | 87-68-3                        |          |                   |              |                |                      |            |                |
| 123 | 1,2,3-trichlorobenzene                               |                                |                                |          | <0.035 mg/kg      |              | <0.035 mg/kg   | <0.0000035 %         |            | <LOD           |
|     |  | 201-757-1                      | 87-61-6                        |          |                   |              |                |                      |            |                |

| #      | Determinand  |               |                | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|--|---------------|----------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number  | EC Number     | CAS Number     |          |                   |              |                |                      |            |                |
| 124    | 2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]     |               |                |          | <7.1 mg/kg        |              | <7.1 mg/kg     | <0.00071 %           |            | <LOD           |
|        | 604-008-00-0   | 202-433-2 [1] | 95-57-8 [1]    |          |                   |              |                |                      |            |                |
|        |  | 203-402-6 [2] | 106-48-9 [2]   |          |                   |              |                |                      |            |                |
|        |  | 203-582-6 [3] | 108-43-0 [3]   |          |                   |              |                |                      |            |                |
|        |  | 246-691-4 [4] | 25167-80-0 [4] |          |                   |              |                |                      |            |                |
| 125    | 1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]   |               |                |          | <0.071 mg/kg      |              | <0.071 mg/kg   | <0.0000071 %         |            | <LOD           |
|        | 602-026-00-3   | 208-750-2 [1] | 540-59-0 [1]   |          |                   |              |                |                      |            |                |
|        |  | 205-859-7 [2] | 156-59-2 [2]   |          |                   |              |                |                      |            |                |
|        |  | 205-860-2 [3] | 156-60-5 [3]   |          |                   |              |                |                      |            |                |
| 126    | cumene; [1] propylbenzene [2]  |               |                |          | <0.024 mg/kg      |              | <0.024 mg/kg   | <0.0000024 %         |            | <LOD           |
|        | 601-024-00-X   | 202-704-5 [1] | 98-82-8 [1]    |          |                   |              |                |                      |            |                |
|        |  | 203-132-9 [2] | 103-65-1 [2]   |          |                   |              |                |                      |            |                |
| 127    | 2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] |               |                |          | <0.024 mg/kg      |              | <0.024 mg/kg   | <0.0000024 %         |            | <LOD           |
|        | 602-040-00-X   | 202-424-3 [1] | 95-49-8 [1]    |          |                   |              |                |                      |            |                |
|        |  | 203-580-5 [2] | 108-41-8 [2]   |          |                   |              |                |                      |            |                |
|        |  | 203-397-0 [3] | 106-43-4 [3]   |          |                   |              |                |                      |            |                |
|        |  | 246-698-2 [4] | 25168-05-2 [4] |          |                   |              |                |                      |            |                |
| 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)   |
|  | 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 because** Hazard Property HP 3(i) Flammable on account of TPH. 'Flammable liquid waste' defined as 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). The flammability risk of the materials can only be confirmed by means of flash point testing, which was not undertaken as part of the ground investigation. However, the hazardous property HP3(i) relates to liquid waste and the materials sampled were solid. In order to assess the Hazard HP3, the 'decision tree' presented in the WM3 guidance for 'Waste soil' in relation to Hazard HP 3 was followed. The assessment process indicated that the Hazard Property HP 3(i) in the samples listed above can be discounted. The samples are therefore not considered to be 'truly hazardous' by virtue of HP 3(i) and a non-hazardous class is considered most appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0248%)

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**Appendix A: Classifier defined and non GB MCL determinands**

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**chromium(III) oxide (worst case)** (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&amp;L Inventory Database

Data source: <https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806>

Data source date: 17 Jul 2015

Hazard Statements: Acute Tox. 4; H332, Acute Tox. 4; H302, Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315, Resp. Sens. 1; H334, Skin Sens. 1; H317, Repr. 1B; H360FD, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

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

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

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

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

Reason for additional Hazards Statement(s):

20 Nov 2021 - Carc. 1A; H350 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium [www.reach-lead.eu/substanceinformation.html](http://www.reach-lead.eu/substanceinformation.html) (worst case lead compounds). Review date 29/09/2015**TPH (C6 to C40) petroleum group** (CAS Number: TPH)

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

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

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

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

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

Description/Comments:

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

Reason for additional Hazards Statement(s):

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

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

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

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

Additional Hazard Statement(s): EUH032 &gt;= 0.2 %

Reason for additional Hazards Statement(s):

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

**pH** (CAS Number: PH)

Description/Comments: Appendix C4

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

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

Description/Comments: Data from C&amp;L Inventory Database

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

Data source date: 17 Jul 2015

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

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

Description/Comments: Data from C&amp;L Inventory Database

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

Data source date: 17 Jul 2015

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

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

Description/Comments: Data from C&amp;L Inventory Database

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

Data source date: 06 Aug 2015

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 06 Aug 2015

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 21 Aug 2015

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

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

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

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

Data source date: 21 Aug 2015

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 06 Aug 2015

Hazard Statements: Carc. 2; H351

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

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

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

Data source date: 23 Jul 2015

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

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- **divanadium pentoxide; vanadium pentoxide** (EC Number: 215-239-8, CAS Number: 1314-62-1)

GB MCL index number: 023-001-00-8

Description/Comments: Hazard statements H301, H330, H350 added by HazWasteOnline due to ATP 18 (Regulation (EU) 2022/692) considers vanadium pentoxide to be Carc. 1B; H350. The GB MCL Agency has reached the same opinion [but is yet to formerly make this change to the MCL List]. Substance has therefore been self-classified.

Additional Hazard Statement(s): Carc. 1B; H350, Acute Tox. 3; H301, Acute Tox. 2; H330

Reason for additional Hazards Statement(s):

20 Sep 2022 - Carc. 1B; H350 hazard statement sourced from: ATP 18 (Regulation (EU) 2022/692) considers vanadium pentoxide to be Carc. 1B; H350. The GB MCL Agency has reached the same opinion [but is yet to formerly make this change to the MCL List]. Substance has therefore been self-classified.

28 Sep 2022 - Acute Tox. 3; H301 hazard statement sourced from: ATP 18 (Regulation (EU) 2022/692) considers vanadium pentoxide to be "Acute tox 3; H301". The GB MCL Agency has reached the same opinion [but is yet to formerly make this change to the MCL List]. Substance has therefore been self-classified.

28 Sep 2022 - Acute Tox. 2; H330 hazard statement sourced from: ATP 18 (Regulation (EU) 2022/692) considers vanadium pentoxide to be "Acute tox 2; H330". The GB MCL Agency has reached the same opinion [but is yet to formerly make this change to the MCL List]. Substance has therefore been self-classified.

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- **1,1-dichloroethane and 1,2-dichloroethane (combined)** (EC Number: 203-458-1, 200-863-5, CAS Number: 107-06-2, 75-34-3)

Description/Comments: Combines the hazard statements and risk phrases for 1,1-dichloroethane and 1,2-dichloroethane

Data source: N/a

Data source date: 14 Oct 2016

Hazard Statements: Flam. Liq. 2; H225, Acute Tox. 4; H302, Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335, Carc. 1B; H350, Aquatic Chronic 3; H412

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

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

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

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

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

Reason for additional Hazards Statement(s):

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

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- **coronene** (EC Number: 205-881-7, CAS Number: 191-07-1)

Description/Comments: Data from C&L Inventory Database; no entries in Registered Substances or Pesticides Properties databases; SDS: Sigma Aldrich, 1907/2006 compliant, dated 2012 - no entries; IARC – Group 3, not carcinogenic.

Data source: <http://clp-inventory.echa.europa.eu/SummaryOfClassAndLabelling.aspx?SubstanceID=17010&HarmOnly=no?fc=true&lang=en>

Data source date: 16 Jun 2014

Hazard Statements: STOT SE 2; H371

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- **hexachloroethane** (EC Number: 200-666-4, CAS Number: 67-72-1)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;

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

Data source date: 02 Mar 2017

Hazard Statements: Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335, Carc. 2; H351, Aquatic Acute 1; H400, Aquatic Chronic 1; H410, STOT RE 2; H373

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- **2-nitrophenol** (EC Number: 201-857-5, CAS Number: 88-75-5)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302, Acute Tox. 4; H312, Skin Irrit. 2; H315, Eye Irrit. 2; H319, Acute Tox. 4; H332, STOT SE 3; H335, STOT RE 2; H373, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

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- **bis(2-chloroethoxy)methane** (EC Number: 203-920-2, CAS Number: 111-91-1)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 3; H301, Acute Tox. 4; H312, Acute Tox. 1; H330, Acute Tox. 2; H330, STOT SE 1; H370, STOT RE 2; H373

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- **2-methyl naphthalene** (EC Number: 202-078-3, CAS Number: 91-57-6)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302, Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335, STOT SE 3; H336, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

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- **2-chloronaphthalene** (EC Number: 202-079-9, CAS Number: 91-58-7)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315

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- **dimethyl phthalate** (EC Number: 205-011-6, CAS Number: 131-11-3)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Skin Irrit. 2; H315, Eye Irrit. 2; H319, Acute Tox. 3; H331, STOT SE 3; H335, STOT SE 3; H336, Repr. 2; H361, Aquatic Chronic 3; H412

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- **dibenzofuran** (EC Number: 205-071-3, CAS Number: 132-64-9)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302, Acute Tox. 4; H312, Acute Tox. 4; H332, Aquatic Chronic 2; H411

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- **diethyl phthalate** (EC Number: 201-550-6, CAS Number: 84-66-2)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Skin Irrit. 2; H315, Acute Tox. 3; H331, Acute Tox. 3; H311, STOT SE 3; H335, STOT RE 2; H373, Repr. 2; H361, Acute Tox. 4; H302, STOT SE 3; H336, Skin Sens. 1; H317, Aquatic Chronic 1; H410



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• **4-chlorophenylphenylether** (EC Number: 230-281-7, CAS Number: 7005-72-3)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302, Skin Irrit. 2; H315, Skin Sens. 1; H317, Eye Dam. 1; H318, Eye Irrit. 2; H319, STOT SE 3; H335, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

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• **4-bromophenylphenylether** (EC Number: 202-952-4, CAS Number: 101-55-3)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302, Skin Irrit. 2; H315, Skin Sens. 1; H317, Eye Dam. 1; H318, Eye Irrit. 2; H319, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

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• **carbazole** (EC Number: 201-696-0, CAS Number: 86-74-8)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302, Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335, Muta. 2; H341, Carc. 2; H351, Aquatic Acute 1; H400, Aquatic Chronic 1; H410, Acute Tox. 3; H331, Acute Tox. 3; H311, Acute Tox. 3; H301

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• **di-n-octyl phthalate** (EC Number: 204-214-7, CAS Number: 117-84-0)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Repr. 2; H361, Skin Sens. 1; H317, Resp. Sens. 1; H334, Eye Irrit. 2; H319, Aquatic Chronic 4; H413

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• **dichlorodifluoromethane** (EC Number: 200-893-9, CAS Number: 75-71-8)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Aquatic Chronic 3; H412, Ozone 1; H420, Press. Gas; H280

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• **trichlorofluoromethane** (EC Number: 200-892-3, CAS Number: 75-69-4)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H312, Ozone 1; H420

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• **2,2-dichloropropane** (EC Number: 209-832-0, CAS Number: 594-20-7)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H332, Flam. Liq. 2; H225, Acute Tox. 4; H302, Acute Tox. 4; H312, Eye Irrit. 2; H319

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• **bromochloromethane** (EC Number: 200-826-3, CAS Number: 74-97-5)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H312, Skin Corr. 1B; H314, Eye Dam. 1; H318, Acute Tox. 4; H332, STOT SE 3; H335, Skin Irrit. 2; H315, Ozone 1; H420

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• **bromodichloromethane** (EC Number: 200-856-7, CAS Number: 75-27-4)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302, Skin Irrit. 2; H315, Eye Dam. 1; H318, Eye Irrit. 2; H319, STOT SE 3; H335, Muta. 1B; H340, Carc. 1B; H350, Repr. 1A; H360

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• **trans-1,3-dichloropropene** (EC Number: 431-460-4, CAS Number: 10061-02-6)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Flam. Liq. 3; H226, Acute Tox. 3; H301, Asp. Tox. 1; H304, Acute Tox. 3; H311, Skin Irrit. 2; H315, Skin Sens. 1; H317, Eye Irrit. 2; H319, Acute Tox. 4; H332, STOT SE 3; H335, Aquatic Chronic 1; H410

**1,3-dichloropropane** (EC Number: 205-531-3, CAS Number: 142-28-9)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H332, Flam. Liq. 2; H225, Flam. Liq. 3; H226, Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335

**dibromochloromethane** (EC Number: 204-704-0, CAS Number: 124-48-1)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 3;

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302, Acute Tox. 4; H312, Skin Irrit. 2; H315, Eye Irrit. 2; H319, Acute Tox. 4; H332, STOT SE 3; H335, STOT SE 3; H336, Muta. 2; H341, Aquatic Chronic 2; H411

**1,1,1,2-tetrachloroethane** (EC Number: 211-135-1, CAS Number: 630-20-6)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302, Acute Tox. 1; H310, Eye Irrit. 2; H319, Acute Tox. 3; H331, Eye Dam. 1; H318, Acute Tox. 4; H332, Carc. 2; H351, Acute Tox. 4; H312, Aquatic Chronic 3; H412, Skin Irrit. 2; H315

**tert-butylbenzene** (EC Number: 202-632-4, CAS Number: 98-06-6)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Flam. Liq. 3; H226, Skin Irrit. 2; H315, Eye Irrit. 2; H319, Acute Tox. 3; H331, Acute Tox. 4; H332, STOT SE 3; H335, Asp. Tox. 1; H304, Aquatic Chronic 2; H411

**sec-butylbenzene** (EC Number: 205-227-0, CAS Number: 135-98-8)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Flam. Liq. 3; H226, Asp. Tox. 1; H304, Skin Irrit. 2; H315, Eye Irrit. 2; H319, Aquatic Chronic 2; H411

**4-isopropyltoluene** (EC Number: 202-796-7, CAS Number: 99-87-6)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Flam. Liq. 3; H226, Asp. Tox. 1; H304, Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335, Aquatic Chronic 2; H411

**n-butylbenzene** (EC Number: 203-209-7, CAS Number: 104-51-8)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Flam. Liq. 3; H226, Skin Irrit. 2; H315, Eye Irrit. 2; H319, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

**hexachlorobutadiene** (EC Number: 201-765-5, CAS Number: 87-68-3)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 3;

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 3; H301, Acute Tox. 2; H310, Skin Irrit. 2; H315, Skin Sens. 1; H317, Eye Irrit. 2; H319, Acute Tox. 2; H330, Carc. 2; H351, Repr. 2; H361, STOT SE 2; H371, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

**1,2,3-trichlorobenzene** (EC Number: 201-757-1, CAS Number: 87-61-6)

Description/Comments: VOC; Data from C&L Inventory Database

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302, Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335, STOT SE 3; H336, Aquatic Acute 1; H400, Aquatic Chronic 3; H410

**Appendix B: Rationale for selection of metal species****antimony {antimony trioxide}**

Worst case CLP species based on hazard statements/molecular weight and low solubility. Industrial sources include: flame retardants in electrical apparatus, textiles and coatings (edit as required)

**arsenic {arsenic trioxide}**

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

**beryllium {beryllium oxide}**

Reasonable case CLP species based on hazard statements/molecular weight. Industrial sources include: most common (non alloy) form, used in ceramics (edit as required)

**boron {diboron trioxide; boric oxide}**

Reasonable case CLP species based on hazard statements/ molecular weight, physical form and low solubility. Industrial sources include: fluxing agent for glass/enamels; additive for fibre optics, borosilicate glass (edit as required)

**cadmium {cadmium oxide}**

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

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

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

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

Worst case species based on hazard statements/molecular weight (edit as required)

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

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worst case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

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

There isn't enough Cr(VI) to make hazardous levels of the Metal chromate and the next worst case Metal species likely to be present based on the site history was selected .

**mercury {mercury dichloride}**

Worst case CLP species based on hazard statements/molecular weight (edit as required)

**nickel {nickel sulfate}**

There isn't enough Cr(VI) to make hazardous levels of the Metal chromate and the next worst case Metal species likely to be present based on the site history was selected .

**selenium {nickel selenate}**

Worst case CLP species based on hazard statements/molecular weight (edit as required)

**zinc {zinc sulphate}**

There isn't enough Cr(VI) to make hazardous levels of the Metal chromate and the next worst case Metal species likely to be present based on the site history was selected .

**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}**

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

**vanadium {divanadium pentaoxide; vanadium pentoxide}**

worst case

**Appendix C: Version**

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

HazWasteOnline Classification Engine Version: 2023.216.5702.10520 (04 Aug 2023)

HazWasteOnline Database: 2023.216.5702.10520 (04 Aug 2023)

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This classification utilises the following guidance and legislation:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020** - UK:

2020 No. 1540 of 16th December 2020

**GB MCL List** - version 1.1 of 09 June 2021

# Rolls-Royce Factory, Filton, Gloucestershire: Interim Report - Trial Trench Evaluation

AOC Project: 34755

Site Code: AOCBBR23

National Grid Reference: ST 6100 80707

Planning Application Number: P23/00004/F

Date: June 2023



ARCHAEOLOGY

HERITAGE

CONSERVATION

# Rolls-Royce Factory, Filton, Gloucestershire: Interim Report – Trial Trench Evaluation

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This document has been prepared in accordance with AOC standard operating procedures.

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## NON-TECHNICAL SUMMARY

*This report provides an interim statement of the results of an Archaeological Trial Trench Evaluation at the Rolls-Royce Factory, Filton, Gloucestershire. Works were commissioned by AECOM and MPP and undertaken by AOC Archaeology in May of 2023.*

*The works comprised of the excavation of seven trenches measuring between 10m x 1.80m and 15m x 1.80m. Archaeological remains were found in Trenches 2, 3, 4, 5 and 7.*

*The earliest archaeological remains were found in Trenches 5 and 7. A NE-SW aligned ditch was recorded along with a sub-oval pit, both containing fragments of pottery provisionally dated to the Roman period.*

*Trenches 2, 3 and 4 contained the remains of a concrete floor and wall, suggesting the presence of a larger rectangular structure dating to the 20<sup>th</sup> century. A later 20<sup>th</sup> century demolition of the remains was evident from a visible demolition cut in Trenches 2 and 3.*

*The results of the evaluation will be shared with the South Gloucestershire County Archaeologist, who will issue a decision on the requirement for further archaeological work on the site.*

*An OASIS form (OASIS ID: aocarcha1-516300) has been compiled and an electronic copy of all reports will be deposited with the Archaeological Data Service (ADS). The site archive will be prepared in accordance with local and national guidance and will be deposited at the end of the project.*

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## 1. EXECUTIVE SUMMARY

- 1.1 This interim report details the results of archaeological trial trenching at Rolls-Royce Factory, Filton, Gloucestershire (henceforth 'the Site'). The work was carried out by AOC Archaeology in May 2023, in accordance with the planning application from South Gloucestershire County Council (Ref: P23/00004/F) and the Written Scheme of Investigation (AECOM 2023). The trial trench evaluation is part of a multiphase investigation of the Site. This phase of investigation consisted of the excavation of seven trial trenches to assess the potential for the survival of sub-surface archaeological remains within the site that may be affected by the proposed development.
- 1.2 The trial trenching programme aimed to contribute to the following specific aims and objectives, as outlined in the WSI (AECOM 2023) and the South West Archaeological Research Framework (2007).
- To confirm the presence, absence and extent of any surviving archaeological remains within the Site.
  - To confirm the presence or absence of any surviving remains of air raid shelters within the Site,
  - To confirm the presence or absence of any surviving prehistoric archaeological remains within the site.
  - To improve our understanding of Neolithic settlements and landscape (South West Archaeological Research Aim 28).
  - To identify and understand the potential of 'small-scale' evidence such as pits and stake-holes, which individually may not seem significant, but may contribute to emerging patterns (research aim 28b).
  - To improve our knowledge of Neolithic and Early Bronze Age social life (South West Archaeological Research Aim 49).
  - To deepen our understanding of Medieval and later defence and conflict sites (South West Archaeological Research Aim).
- 1.3 The trial trench evaluation identifying a 20<sup>th</sup> century concrete structure and the remains of a ditch and pit provisionally dated to the Roman period.

## 2. SITE LOCATION

- 2.1 The Site is located within the industrial estate owned by Rolls-Royce, a collection of large factories and buildings associated with Rolls-Royce production, situated in Filton, South Gloucestershire, c. 1.5km north of Bristol centred on the National Grid Reference (NRG) ST 61000 80707 (Figure 1.). The site is situated east of the current Factory buildings in an area designated as a carpark.
- 2.2 The underlying geology consists of the Wilmcote Limestone Member in the northern extent of the Site, a sedimentary bedrock formed of limestone and mudstone, and the Saltford Shale member in the southern extent of the site, a sedimentary bedrock of mudstone. Both of these underlying geologies were formed in the Triassic and Jurassic periods 209.5 and 119.3 million years ago.
- 2.3 The evaluation area is situated in a wider landscape of Prehistoric, Roman, and Early Medieval activity, with the southwest of England yielding rich archaeological activity and perseveration during these periods. Within the extent of the site, however, there is relatively little evidence of activity dating to these periods.

- 2.4 Early mapping shows that the site was used as agricultural farmland, with little development till the mid-19<sup>th</sup> century. The construction of the railway line running adjacent to the eastern extent of the site in 1858-1863 saw an industrialisation of the local landscape. The 20<sup>th</sup> century saw the development of the 'Bristol Aircraft Factory' 200m south of the site in Filton. Filton became an integral part of the war effort and as such became a target for Luftwaffe bombing raids, with architecture surrounding World War II being erected in the landscape around the site. These included air raid shelters, Nissen huts and barracks.
- 2.5 For a full account of the archaeological background of the site please refer to the desk-based assessment (AECOM 2022) and the WSI (AECOM 2023).

### **3. METHODOLOGY**

- 3.1 The trial trenching was conducted according to the detailed methodology laid out in the WSI prepared by AECOM (2023). Please refer to the WSI for detailed methodology on the following: hand excavation, recording, artefact recovery, environmental sampling, finds processing, human remains, treasure, fieldwork reporting, archive and deposition.
- 3.2 A total of seven trial trenches were excavated in the existing car park located to the east of the existing Rolls-Royce Factory building. All trenches were positioned to target the footprint of the proposed new facility, with trenches 4, 5, 6 and 7 positioned within an area that has the potential to contain the remains of World War II air raid shelters. Trenches measured 1.8m wide by either 10m or 15m long.
- 3.3 Prior to excavation current service plans were consulted for the entire site, with each trench being visually inspected and CAT scanned. The trenches were opened by a 8-tonne tracked 360 excavator, equipped with a toothless bucket. The work was carried out under constant archaeological supervision, direction, and control by AOC staff.

### **4. FACTUAL SUMMARY OF KEY ARCHAEOLOGICAL FINDINGS**

- 4.1 The archaeological trial trench evaluation excavated seven trenches. Trenches 1 and 6 were found to contain no evidence of archaeological activity. A range of archaeological features were encountered in Trenches 2, 3, 4, 5 and 7, which will be discussed below.

#### **Trench 2**

- 4.2 The remains of a concrete structure, containing a floor (202) and base of a wall (203), were recorded in the western 8m extent of the trench. The concrete floor extended 8m x 1.60m from the south and west LOE, the wall aligning along the northern and eastern edges of the floor meeting in the northeast corner. An associated construction cut [204] and fill (210), with a later demolition cut [212] was observed. The concrete floor and walls are likely the same as the remains found in trenches 3 and 4, suggesting a larger structure dating to the 20<sup>th</sup> century.

#### **Trench 3**

- 4.3 The remains of a concrete structure, containing a floor (307) and base of a wall (3080), were recorded in the northern 5.17m of the trench. The floor measured 5.17m x 1.80m, extending into the northern, eastern, and western LOE. The wall ran east to west along the southern end of the floor, reaching a height of 0.17m. An associated construction cut [305] and fill (306) were recorded, along with a later demolition cut [310]. The concrete floor and walls are likely the same as the remains found in trenches 2 and 4, suggesting a larger structure dating to the 20<sup>th</sup> century.

#### **Trench 4**

- 4.4 The remains of a concrete floor (403) were recorded, extending across the whole trench (10m x 1.80m). An associated demolition backfill was recorded (404), however, no demolition cut was visible during excavation. The concrete floor is likely the same as the remains found in trenches 2 and 3, suggesting a larger structure dating to the 20<sup>th</sup> century.

#### **Trench 5**

- 4.5 A ditch aligned northeast to southwest was recorded within Trench 5. The ditch [507] measured 2m x 0.43m, reaching a depth of 0.08m and terminated within the trench. The ditch was filled by a friable greyish-brown clayey silt with occasional pieces of limestone (506). Fragments of pottery recovered have provisionally been dated to the Roman period.

#### **Trench 7**

- 4.6 One sub-oval pit was found in the eastern end of Trench 7, The pit [708] measured 1.01m x 0.80m, reaching a depth of 0.10m. The pit was filled by a mottled dark brown to mid-brown silty clay with occasional pieces of rounded and sub-angular limestone (707). Fragments of pottery recovered have provisionally been dated to the Roman period.

### **5. INTERIM ARTFACTUAL SUMMARY**

- 5.1 Finds were recovered and retained from features in Trench 5, [507], and Trench 7, [708]. The finds consist of fragments of pottery, likely dating to the Roman period, and have been retained for specialist reporting.

### **6. INTERIM ENVIRONMENTAL SUMMARY.**

- 6.1 During the trial trenching only one environmental sample was taken. This was from the ditch feature recorded in Trench 5 [507]. This sample has been retained and whether its processed will be discussed with AECOM and the archaeological advisor due to the truncation level and potential for a contaminated sample. If processed summary of results- this table was used in template:

### **7. PROVISIONAL INTERPRETATION AND DISCUSSION**

- 7.1 Archaeological remains and features were identified in Trenches 2, 3, 4, 5 and 7.
- 7.2 The earliest remains were a ditch, in Trench 5, and a pit, in Trench 7, dating to the Roman period. The ditch in Trench 5 terminated in the eastern end of the trench, traversing north-easterly into the LOE.
- 7.3 Trenches 2, 3 and 4 recorded the remains of a concrete floor and associated wall dating to the 20<sup>th</sup> century. The location of the trenches and positioning of the concrete remains suggest they are likely part of the same structure, possibly rectangular in shape. A later 20<sup>th</sup> century demolition of the structure is evident in Trenches 2 and 3 with the presence of a demolition cut. Its possible that these relate to the Air Raid shelters thought to be present on site however there is little within the remains themselves to clearly identify their function.

### **8. POTENTIAL CONTRIBUTION TO SPECIFIC OBJECTIVES**

- 8.1 The potential contribution to specific objectives will be discussed in the table below.

| Specific Objectives   | Potential Contribution   | Suggested Methods  |
|---|--|--|
| To confirm the presence, absence, and extent of any surviving archaeological remains within the Site.   | Archaeological remains of varying dates were found across the site however it was noted that these had suffered significant horizontal truncation.   | Further mitigation might reveal further surviving archaeological features, specifically within the southern extent of the site where the possible Roman remains have been identified.  |
| To confirm the presence or absence of any surviving remains of air raid shelters within the Site,   | The presence of 20 <sup>th</sup> century remains of a concrete floors and walls were recorded. However, no specific dating or function can be ascertained at this stage, meaning it cannot be determined if these remains are or are not part of an air raid shelter.  | No function or specific dating could be obtained of the concrete structure. Due to the level of demolition, it suggests that any identifying elements may have been removed and further investigations are unlikely to yield significantly more information. |
| To confirm the presence of absence of any surviving prehistoric archaeological remains within the site.   | No evidence of archaeological remains dating to the Mesolithic, Neolithic, Bronze Age or Iron Age were identified.   | None.  |
| To improve out understanding of Neolithic settlements and landscape (South West Archaeological Research Aim 28).  | No evidence of Neolithic settlement activity has been identified.  | None.  |
| To identify and understand the potential of 'small-scale' evidence such as pits and stake-holes, which individually may not seem significant, but may contribute to emerging patterns (research aim 28b). | A pit feature was identified in the southern extent of site. However, no other 'small-scale' features were identified so no emerging patterns can be ascertained at this stage. Horizontal truncation may have impacted on the preservation of archaeological remains. | Only one 'small-scale' feature was identified, further mitigation might reveal other surviving 'small-scale' features across the site which may contribute to emerging patterns.   |
| To improve our knowledge of Neolithic and Early Bronze Age social life (South West Archaeological Research Aim 49).   | No evidence of Neolithic and Early Bronze Age activity has been identified.  | None.  |
| To deepen our understanding of Medieval   | No evidence of Medieval features has been identified.  | None.  |

|  |  |  |
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| and later defence and conflict sites (South West Archaeological Research Aim). | No evidence of later defence and conflict sites has been identified. |  |
|--|--|--|

## 9. PROVISIONAL CONCLUSION

- 9.1 The provisional results indicate evidence of Roman activity within the southern extent of the site. Trenches 5 and 7 both yielded features with pottery dating to the Roman period. Further mitigation in this area has the potential to contribute to further evidence of Roman archaeological activity within the site.
- 9.2 Evidence of a 20<sup>th</sup> century concrete structure were recorded in Trenches 2, 3 and 4, with evidence of a late 20<sup>th</sup> century demolition of the structure. At this stage the function or specific dating of the structure cannot be ascertained, including if the structure is part of a World War II air raid structure. Further mitigation work may be able to reveal further information surrounding the structure, or other remains dating to this period and be able to confirm the presence or absence of World War II air raid shelters within the Site.
- 9.3 All trenches exhibited a 20<sup>th</sup> century make up layer, stratigraphically sequenced below the type 1 surface. The make up layer was likely a levelling deposit to create the hardstanding ground currently used as a carpark and represent the latest development of the site.
- 9.4 The South Gloucestershire County Archaeologist will use the results of the trial trenching evaluation to issue a decision on the requirements for a Second Stage of archaeological works.

## 10. BIBLIOGRAPHY

AECOM (2023) *Rolls-Royce Bristol: A written Scheme of Investigation for an Archaeological Trial Trench Evaluation, Watching Brief and Trial Pit Monitoring.*

AECOM. (2022) *Rolls-Royce Bristol. Proposed Facility. Heritage Desk-Based Assessment.* Unpublished document