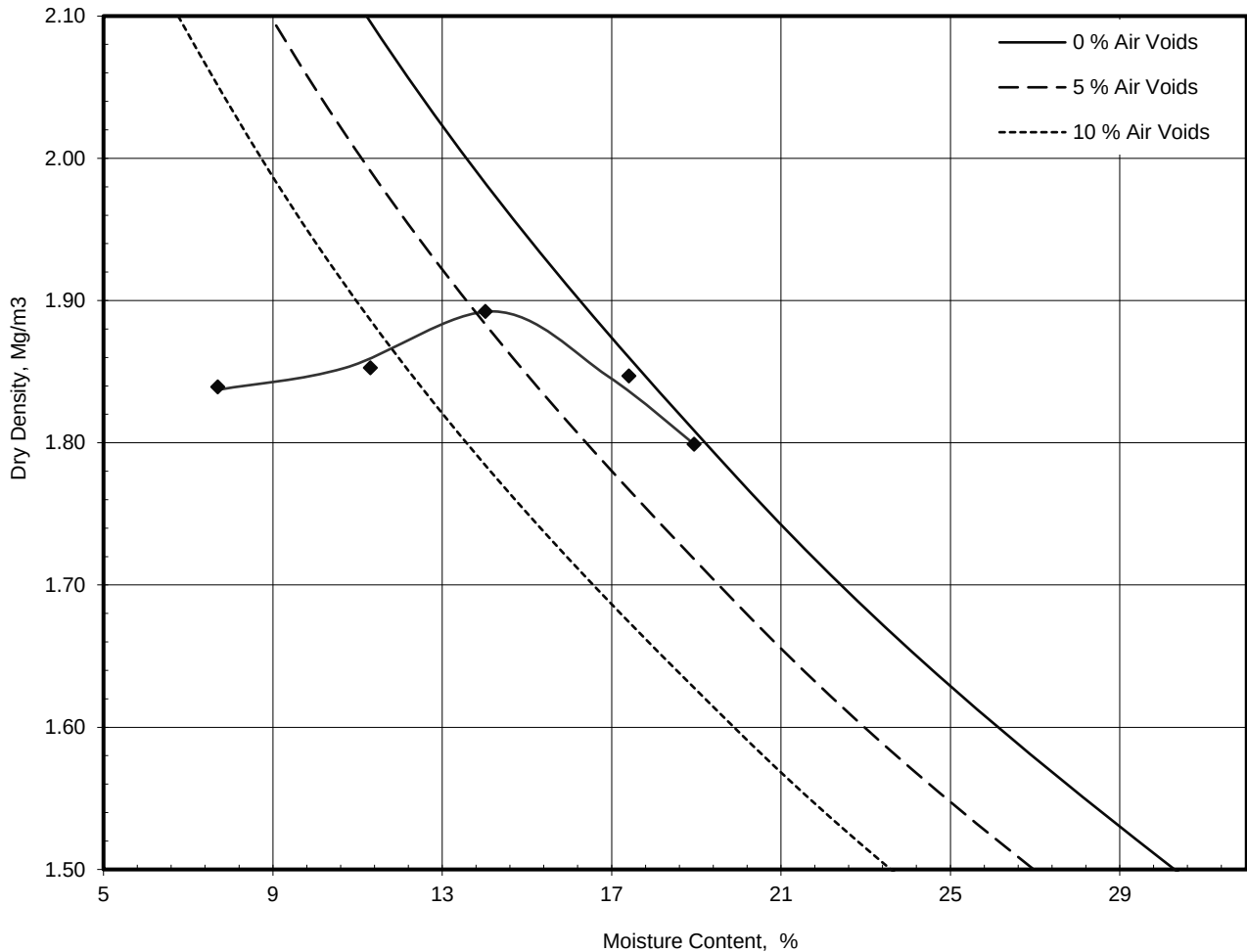


### Dry Density / Moisture Content Relationship 2.5kg Compaction

|                |          |
|----------------|----------|
| Project Number | PN234595 |
| Hole Number    | BH101    |
| Sample Number  |          |
| Depth          | 3.00 m   |
| Sample Type    | B        |

|                      |                                                    |
|----------------------|----------------------------------------------------|
| Project Name         | Pyramid Park, Bury                                 |
| Specimen Description | Light brown slightly sandy slightly gravelly CLAY. |
| Test Method          | BS1377:Part 4:1990, clause 3.4, 2.5kg rammer       |



|                                    |                           |      |
|------------------------------------|---------------------------|------|
| Preparation                        | Material used was natural |      |
| Mould Type                         | CBR                       |      |
| Samples Used                       | Single sample tested.     |      |
| Material Retained on 37.5 mm Sieve | %                         | 2    |
| Material Retained on 20.0 mm Sieve | %                         | 16   |
| Particle Density - Assumed         | Mg/m³                     | 2.75 |

|                     |       |      |
|---------------------|-------|------|
| Maximum Dry Density | Mg/m³ | 1.89 |
|---------------------|-------|------|

|                          |   |    |
|--------------------------|---|----|
| Optimum Moisture Content | % | 14 |
|--------------------------|---|----|

Remarks

NMC = 17.4%

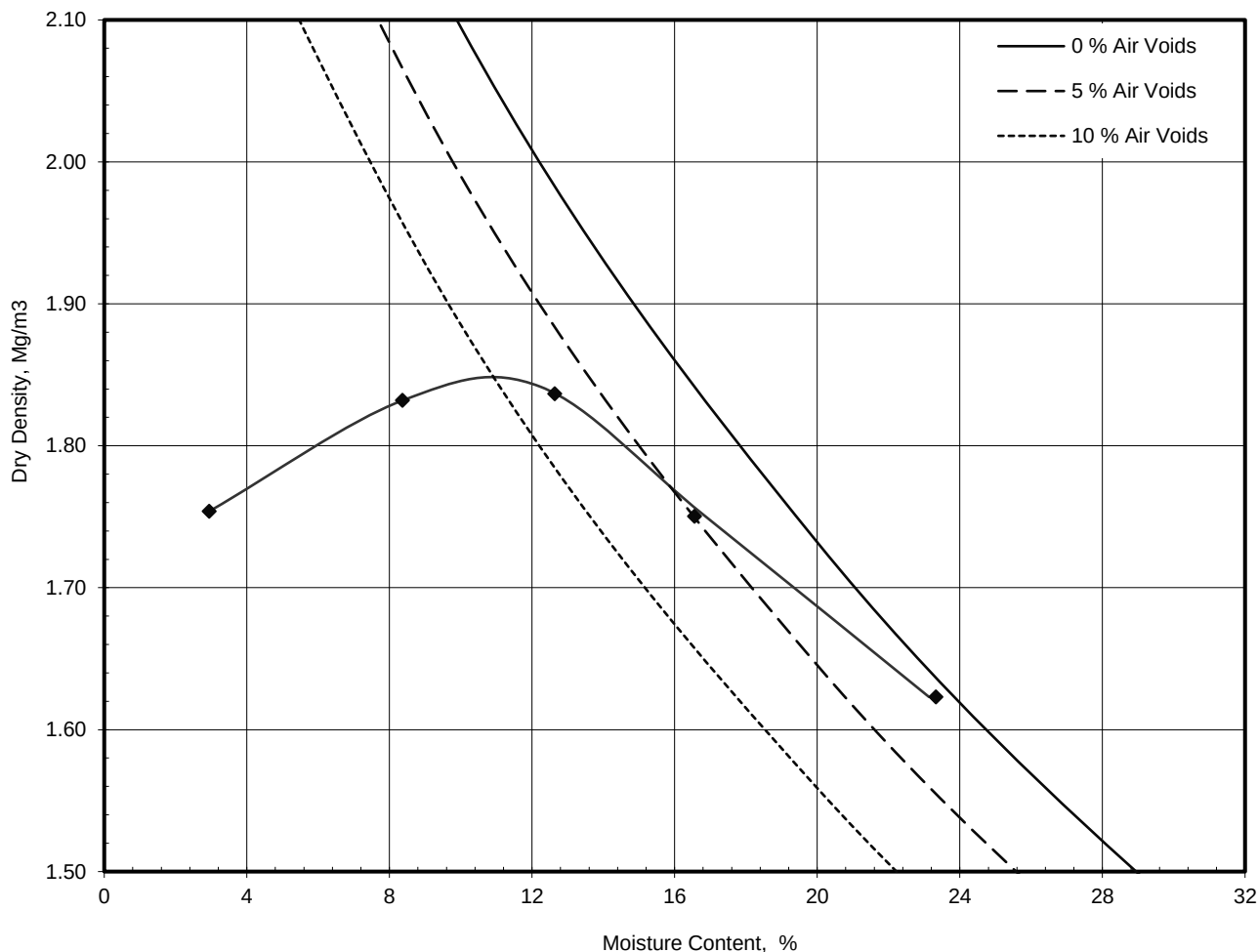
Printed

19/02/2024

### Dry Density / Moisture Content Relationship 2.5kg Compaction

|                |               |
|----------------|---------------|
| Project Number | PN234595      |
| Hole Number    | BH102         |
| Sample Number  |               |
| Depth          | 0.50 - 1.20 m |
| Sample Type    | B             |

|                      |                                              |
|----------------------|----------------------------------------------|
| Project Name         | Pyramid Park, Bury                           |
| Specimen Description | Dark brown slightly sandy gravelly CLAY      |
| Test Method          | BS1377:Part 4:1990, clause 3.4, 2.5kg rammer |



|                                    |                           |      |
|------------------------------------|---------------------------|------|
| Preparation                        | Material used was natural |      |
| Mould Type                         | CBR                       |      |
| Samples Used                       | Single sample tested.     |      |
| Material Retained on 37.5 mm Sieve | %                         | 9    |
| Material Retained on 20.0 mm Sieve | %                         | 16   |
| Particle Density - Assumed         | Mg/m³                     | 2.65 |

|                     |       |      |
|---------------------|-------|------|
| Maximum Dry Density | Mg/m³ | 1.85 |
|---------------------|-------|------|

|                          |   |    |
|--------------------------|---|----|
| Optimum Moisture Content | % | 11 |
|--------------------------|---|----|

Remarks

NMC = 12.6%

Printed

19/02/2024

### Dry Density / Moisture Content Relationship 2.5kg Compaction

Project Number PN234595

Hole Number BH104

Project Name Pyramid Park, Bury

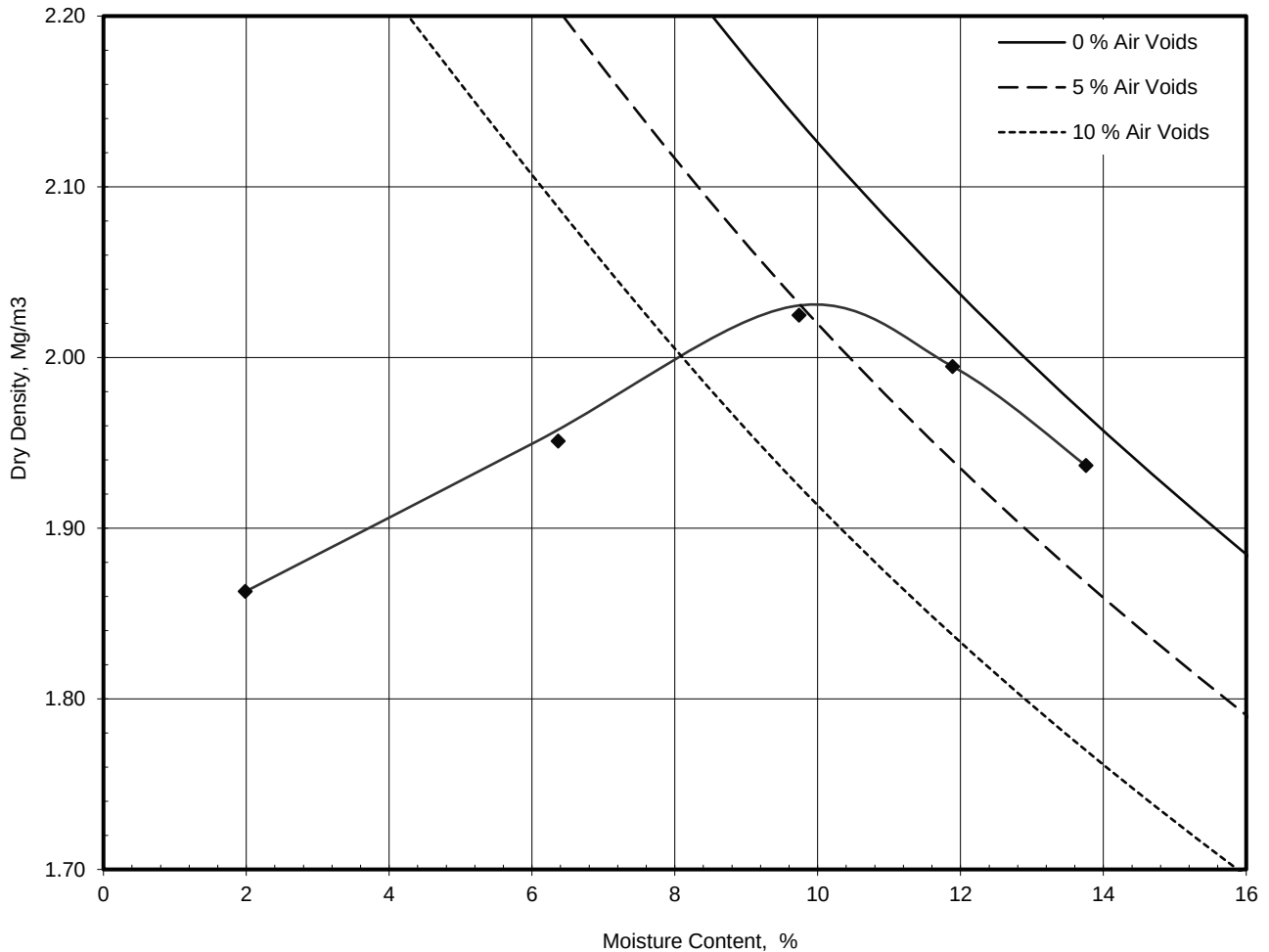
Sample Number

Specimen Description Light brown slightly sandy gravelly CLAY

Depth 1.20 - 1.65 m

Test Method BS1377:Part 4:1990, clause 3.4, 2.5kg rammer

Sample Type B



|                                    |                           |      |
|------------------------------------|---------------------------|------|
| Preparation                        | Material used was natural |      |
| Mould Type                         | CBR                       |      |
| Samples Used                       | Single sample tested.     |      |
| Material Retained on 37.5 mm Sieve | %                         | 12   |
| Material Retained on 20.0 mm Sieve | %                         | 24   |
| Particle Density - Assumed         | Mg/m³                     | 2.70 |

|                     |       |      |
|---------------------|-------|------|
| Maximum Dry Density | Mg/m³ | 2.03 |
|---------------------|-------|------|

|                          |   |     |
|--------------------------|---|-----|
| Optimum Moisture Content | % | 9.9 |
|--------------------------|---|-----|

Remarks

NMC = 17.5%

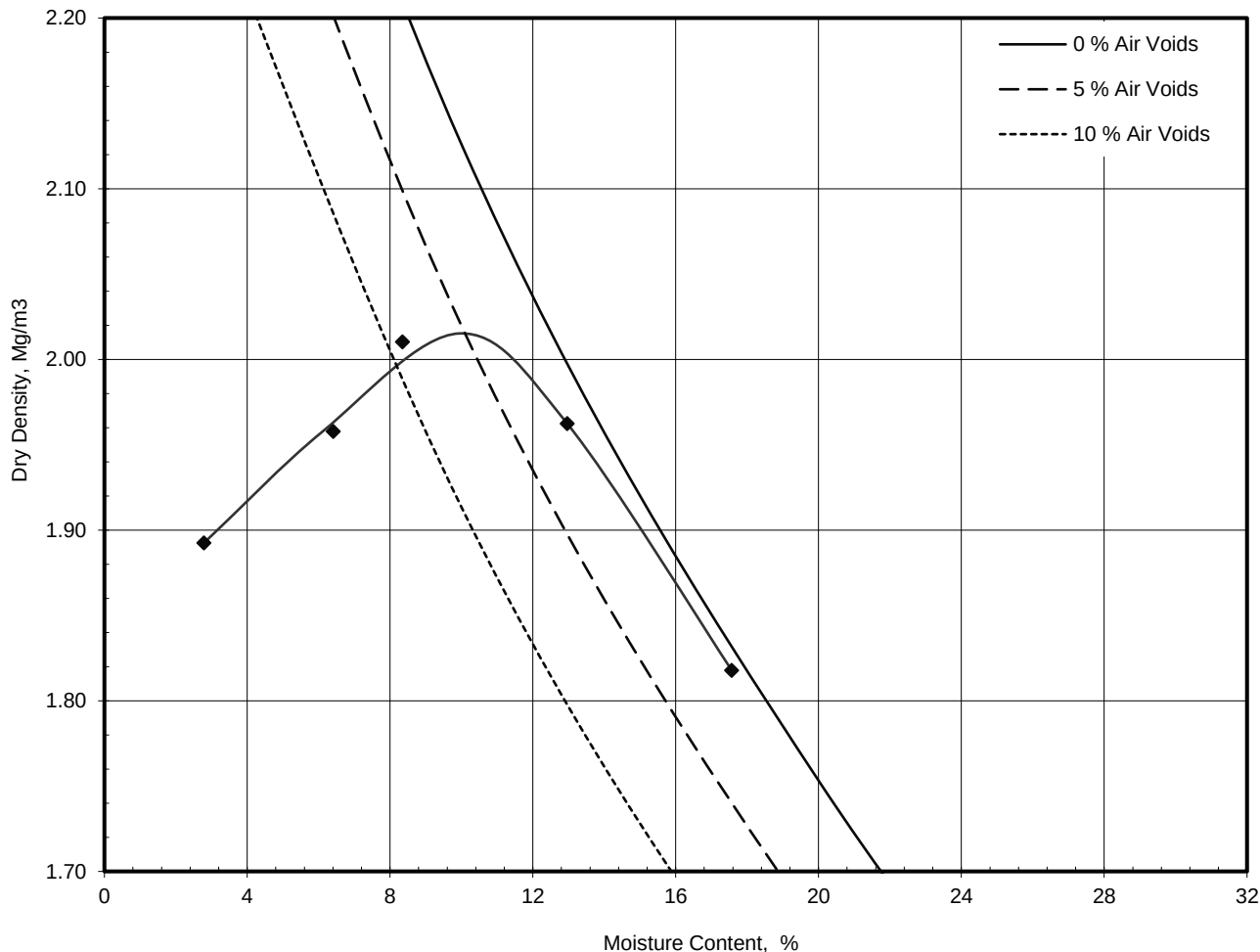
Printed

19/02/2024

### Dry Density / Moisture Content Relationship 2.5kg Compaction

|                |               |
|----------------|---------------|
| Project Number | PN234595      |
| Hole Number    | BH106         |
| Sample Number  |               |
| Depth          | 0.60 - 1.20 m |
| Sample Type    | B             |

|                      |                                              |
|----------------------|----------------------------------------------|
| Project Name         | Pyramid Park, Bury                           |
| Specimen Description | Dark brown gravelly clayey SAND.             |
| Test Method          | BS1377:Part 4:1990, clause 3.4, 2.5kg rammer |



|                                    |                           |      |
|------------------------------------|---------------------------|------|
| Preparation                        | Material used was natural |      |
| Mould Type                         | CBR                       |      |
| Samples Used                       | Single sample tested.     |      |
| Material Retained on 37.5 mm Sieve | %                         | 0    |
| Material Retained on 20.0 mm Sieve | %                         | 9    |
| Particle Density - Assumed         | Mg/m³                     | 2.70 |

|                     |       |      |
|---------------------|-------|------|
| Maximum Dry Density | Mg/m³ | 2.02 |
|---------------------|-------|------|

|                          |   |     |
|--------------------------|---|-----|
| Optimum Moisture Content | % | 9.9 |
|--------------------------|---|-----|

Remarks

NMC = 13.0%

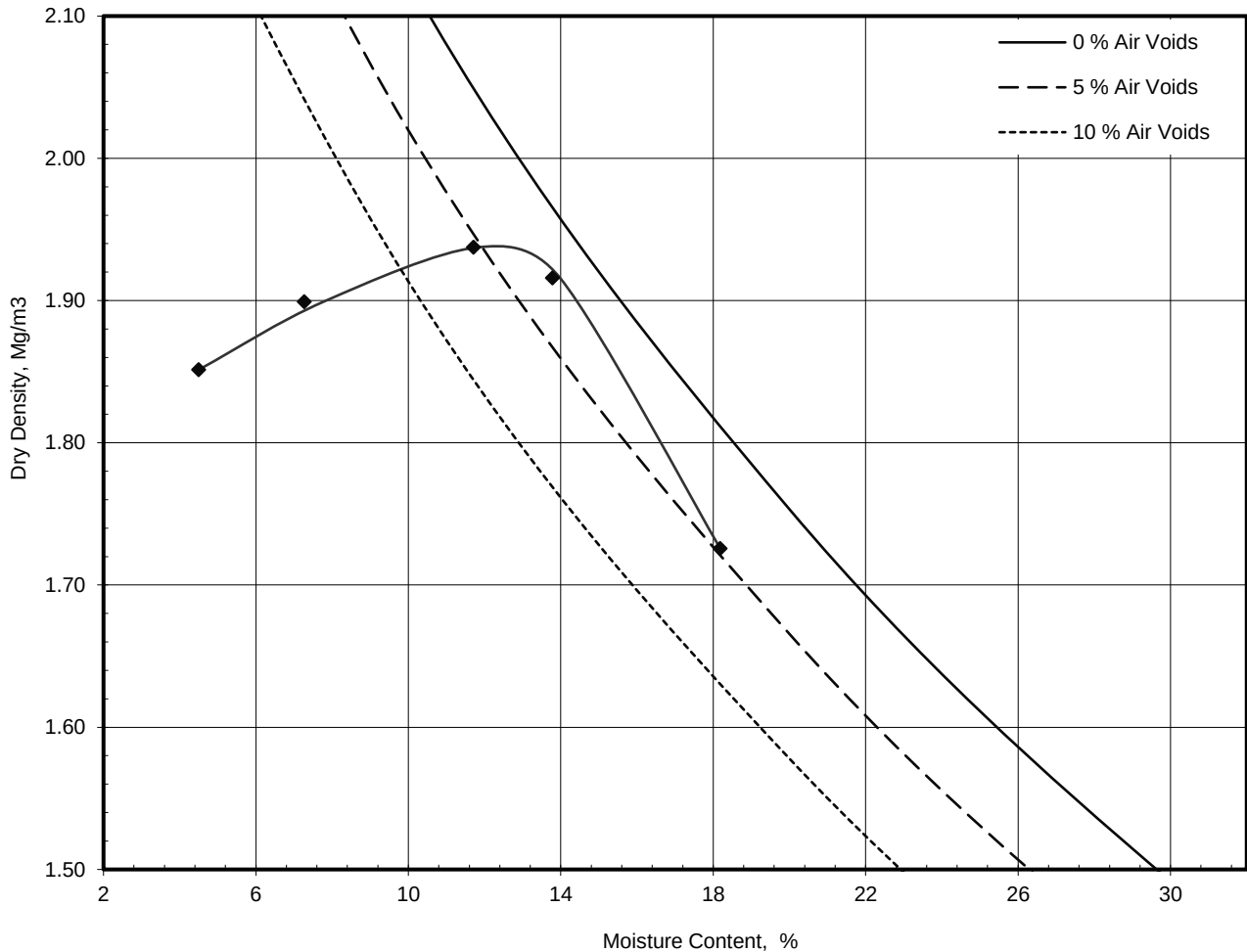
Printed

19/02/2024

### Dry Density / Moisture Content Relationship 2.5kg Compaction

|                |               |
|----------------|---------------|
| Project Number | PN234595      |
| Hole Number    | BH108         |
| Sample Number  |               |
| Depth          | 0.00 - 1.20 m |
| Sample Type    | B             |

|                      |                                              |
|----------------------|----------------------------------------------|
| Project Name         | Pyramid Park, Bury                           |
| Specimen Description | Dark brown sandy clayey GRAVEL               |
| Test Method          | BS1377:Part 4:1990, clause 3.4, 2.5kg rammer |



|                                    |                           |      |
|------------------------------------|---------------------------|------|
| Preparation                        | Material used was natural |      |
| Mould Type                         | CBR                       |      |
| Samples Used                       | Single sample tested.     |      |
| Material Retained on 37.5 mm Sieve | %                         | 14   |
| Material Retained on 20.0 mm Sieve | %                         | 32   |
| Particle Density - Assumed         | Mg/m³                     | 2.70 |

|                     |       |             |
|---------------------|-------|-------------|
| Maximum Dry Density | Mg/m³ | <b>1.94</b> |
|---------------------|-------|-------------|

|                          |   |           |
|--------------------------|---|-----------|
| Optimum Moisture Content | % | <b>12</b> |
|--------------------------|---|-----------|

Remarks

NMC = 11.7% Material Retained 20mm > BS1377 requirements

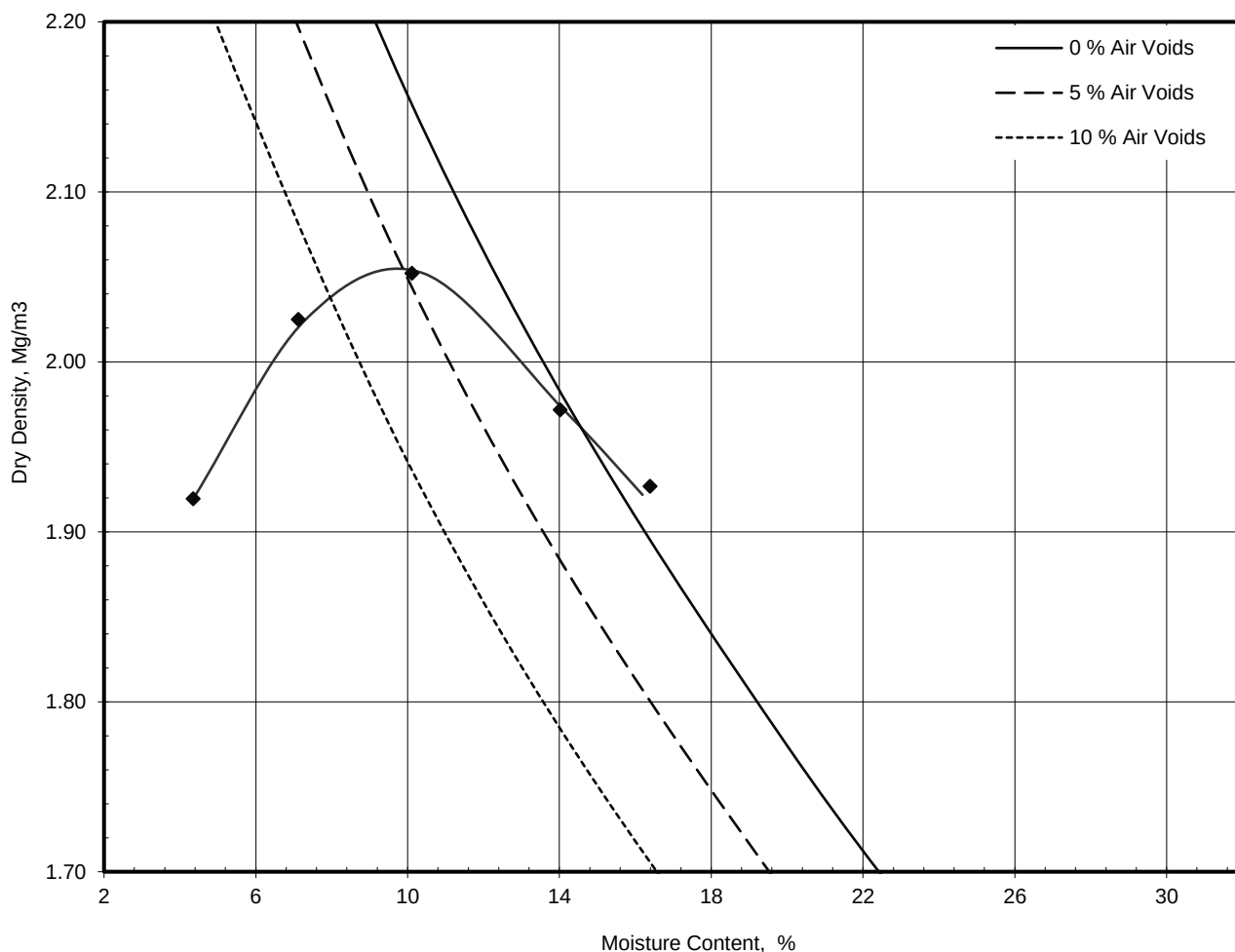
Printed

19/02/2024

### Dry Density / Moisture Content Relationship 2.5kg Compaction

|                |               |
|----------------|---------------|
| Project Number | PN234595      |
| Hole Number    | HP117E        |
| Sample Number  |               |
| Depth          | 0.40 - 1.10 m |
| Sample Type    | B             |

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Project Name         | Pyramid Park, Bury                               |
| Specimen Description | MADE GROUND: Dark brown very sandy clayey gravel |
| Test Method          | BS1377:Part 4:1990, clause 3.4, 2.5kg rammer     |



|                                    |                           |      |
|------------------------------------|---------------------------|------|
| Preparation                        | Material used was natural |      |
| Mould Type                         | CBR                       |      |
| Samples Used                       | Single sample tested.     |      |
| Material Retained on 37.5 mm Sieve | %                         | 17   |
| Material Retained on 20.0 mm Sieve | %                         | 32   |
| Particle Density - Assumed         | Mg/m³                     | 2.75 |

|                            |       |             |
|----------------------------|-------|-------------|
| <b>Maximum Dry Density</b> | Mg/m³ | <b>2.05</b> |
|----------------------------|-------|-------------|

|                                 |   |            |
|---------------------------------|---|------------|
| <b>Optimum Moisture Content</b> | % | <b>9.9</b> |
|---------------------------------|---|------------|

Remarks

NMC = 10.1% Material retained 20mm >BS1377 requirements

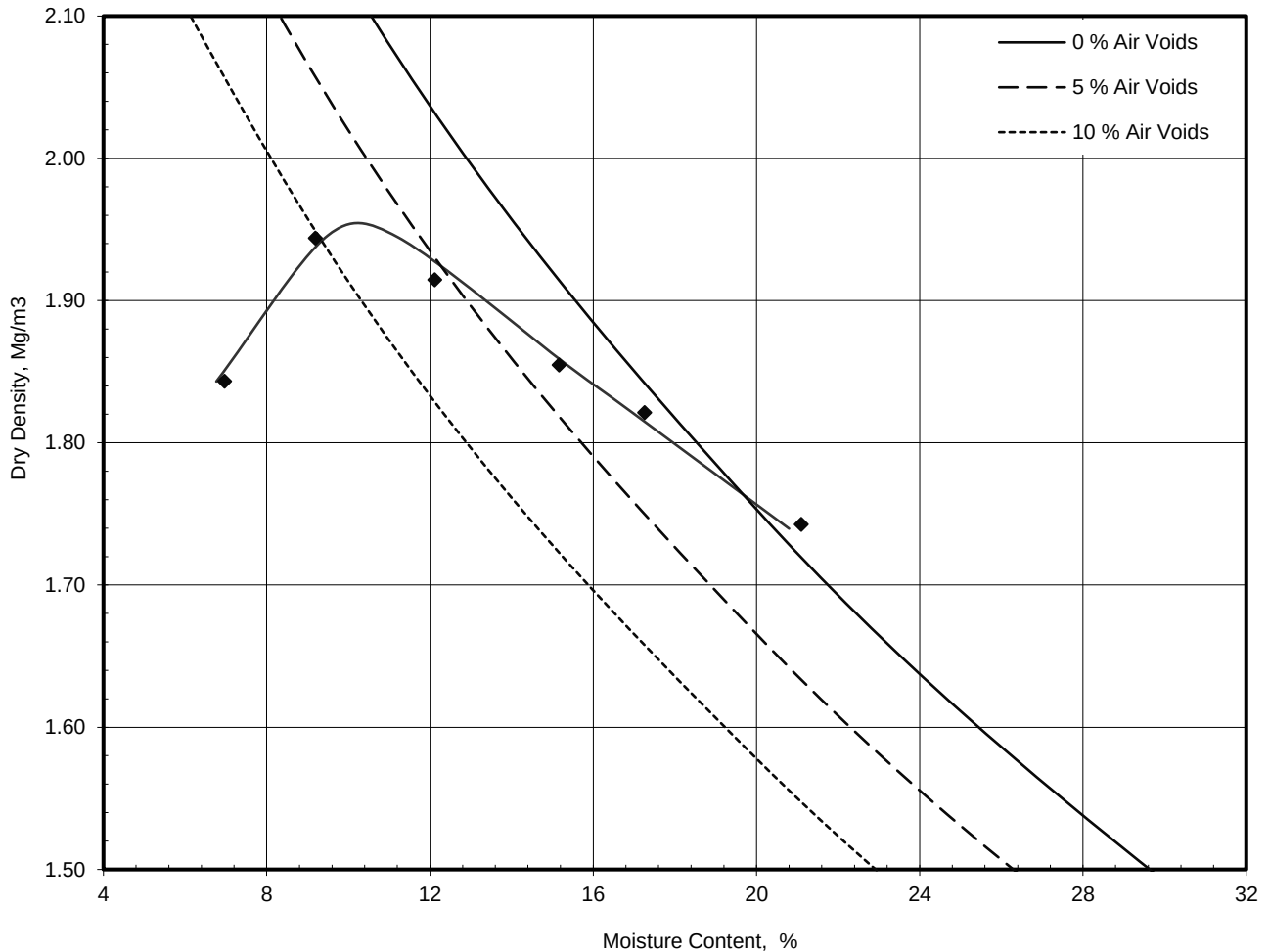
Printed

19/02/2024

### Dry Density / Moisture Content Relationship 2.5kg Compaction

|                |               |
|----------------|---------------|
| Project Number | PN234595      |
| Hole Number    | TP101         |
| Sample Number  |               |
| Depth          | 0.60 - 0.80 m |
| Sample Type    | B             |

|                      |                                              |
|----------------------|----------------------------------------------|
| Project Name         | Pyramid Park, Bury                           |
| Specimen Description | MADE GROUND: Brown very gravelly sand        |
| Test Method          | BS1377:Part 4:1990, clause 3.4, 2.5kg rammer |



|                                    |                           |      |
|------------------------------------|---------------------------|------|
| Preparation                        | Material used was natural |      |
| Mould Type                         | CBR                       |      |
| Samples Used                       | Single sample tested.     |      |
| Material Retained on 37.5 mm Sieve | %                         | 13   |
| Material Retained on 20.0 mm Sieve | %                         | 24   |
| Particle Density -                 | Mg/m³                     | 2.70 |

|                            |       |             |
|----------------------------|-------|-------------|
| <b>Maximum Dry Density</b> | Mg/m³ | <b>1.95</b> |
|----------------------------|-------|-------------|

|                                 |   |           |
|---------------------------------|---|-----------|
| <b>Optimum Moisture Content</b> | % | <b>10</b> |
|---------------------------------|---|-----------|

Remarks

NMC = 15.2%

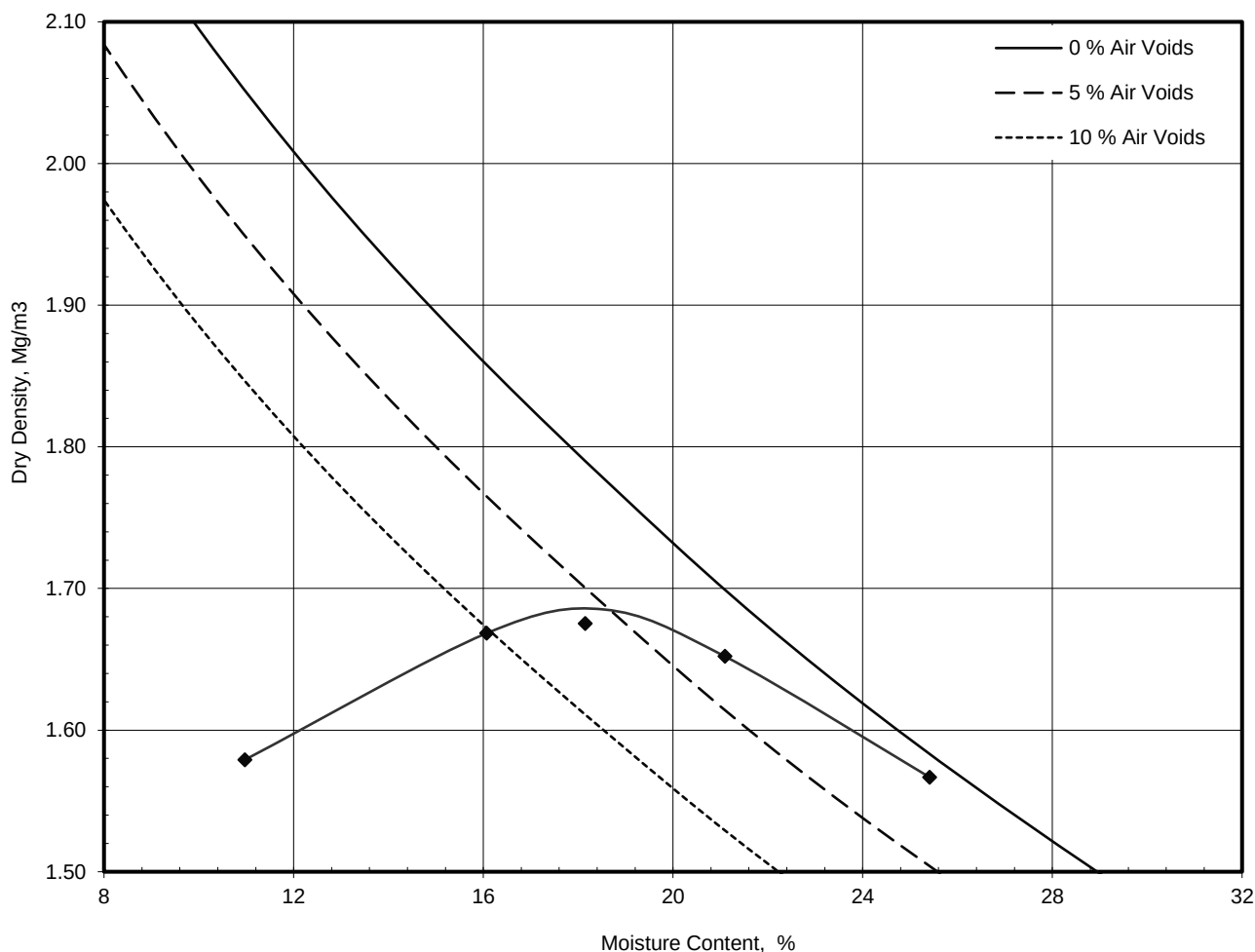
Printed

19/02/2024

### Dry Density / Moisture Content Relationship 2.5kg Compaction

|                |               |
|----------------|---------------|
| Project Number | PN234595      |
| Hole Number    | TP103         |
| Sample Number  |               |
| Depth          | 3.00 - 3.30 m |
| Sample Type    | B             |

|                      |                                                   |
|----------------------|---------------------------------------------------|
| Project Name         | Pyramid Park, Bury                                |
| Specimen Description | Dark brown slightly sandy slightly gravelly CLAY. |
| Test Method          | BS1377:Part 4:1990, clause 3.3, 2.5kg rammer      |



|                                    |                           |      |
|------------------------------------|---------------------------|------|
| Preparation                        | Material used was natural |      |
| Mould Type                         | 1 LITRE                   |      |
| Samples Used                       | Single sample tested.     |      |
| Material Retained on 37.5 mm Sieve | %                         | 0    |
| Material Retained on 20.0 mm Sieve | %                         | 0    |
| Particle Density - Assumed         | Mg/m³                     | 2.65 |

|                     |       |      |
|---------------------|-------|------|
| Maximum Dry Density | Mg/m³ | 1.69 |
|---------------------|-------|------|

|                          |   |    |
|--------------------------|---|----|
| Optimum Moisture Content | % | 18 |
|--------------------------|---|----|

Remarks

NMC = 22.5%

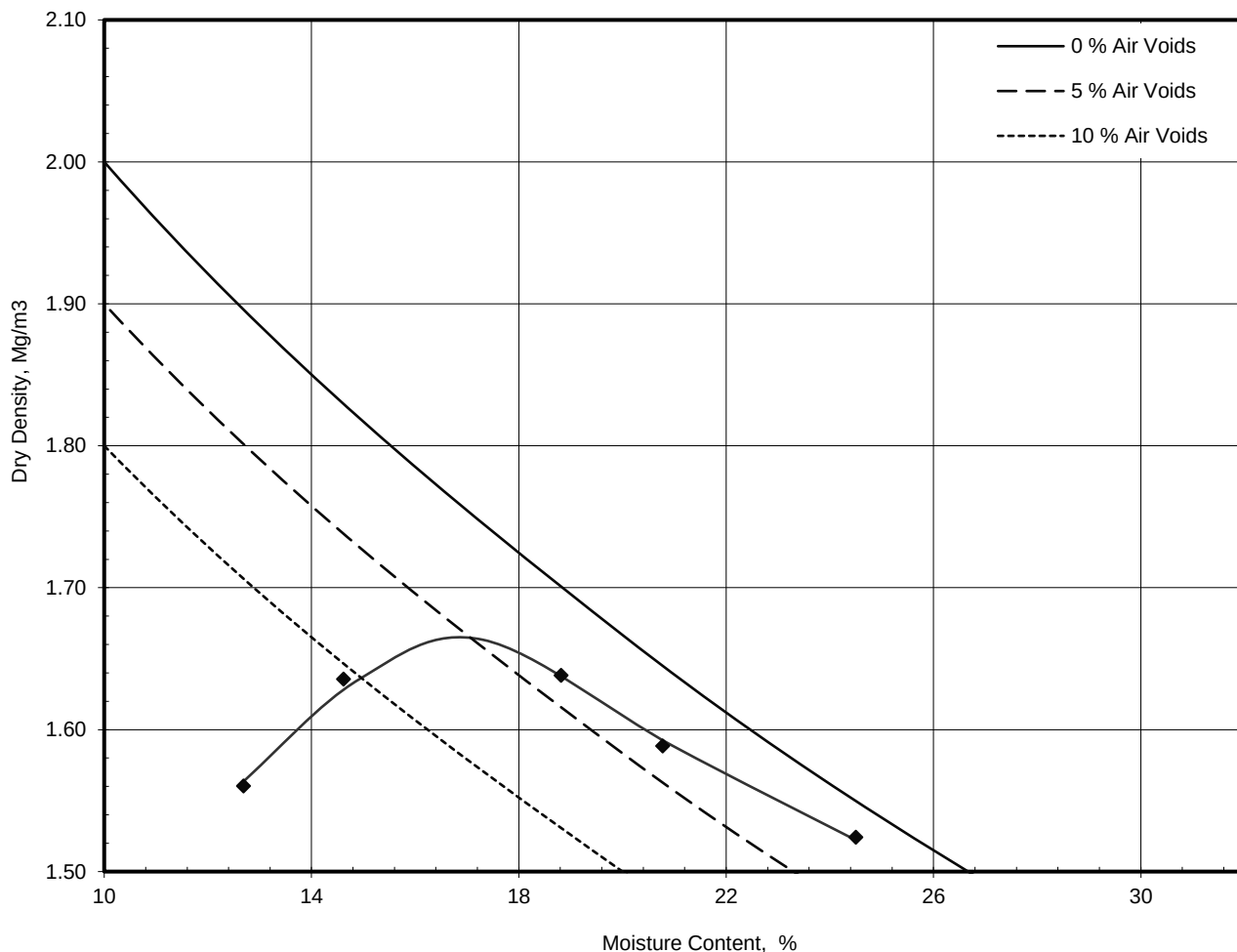
Printed

19/02/2024

### Dry Density / Moisture Content Relationship 2.5kg Compaction

|                |               |
|----------------|---------------|
| Project Number | PN234595      |
| Hole Number    | TP104         |
| Sample Number  |               |
| Depth          | 0.80 - 1.00 m |
| Sample Type    | B             |

|                      |                                                           |
|----------------------|-----------------------------------------------------------|
| Project Name         | Pyramid Park, Bury                                        |
| Specimen Description | MADE GROUND: Brown slightly sandy slightly gravelly clay. |
| Test Method          | BS1377:Part 4:1990, clause 3.3, 2.5kg rammer              |



|                                    |                           |      |
|------------------------------------|---------------------------|------|
| Preparation                        | Material used was natural |      |
| Mould Type                         | 1 LITRE                   |      |
| Samples Used                       | Single sample tested.     |      |
| Material Retained on 37.5 mm Sieve | %                         | 1    |
| Material Retained on 20.0 mm Sieve | %                         | 1    |
| Particle Density - Assumed         | Mg/m³                     | 2.50 |

|                     |       |      |
|---------------------|-------|------|
| Maximum Dry Density | Mg/m³ | 1.67 |
|---------------------|-------|------|

|                          |   |    |
|--------------------------|---|----|
| Optimum Moisture Content | % | 17 |
|--------------------------|---|----|

Remarks

NMC = 31.2%

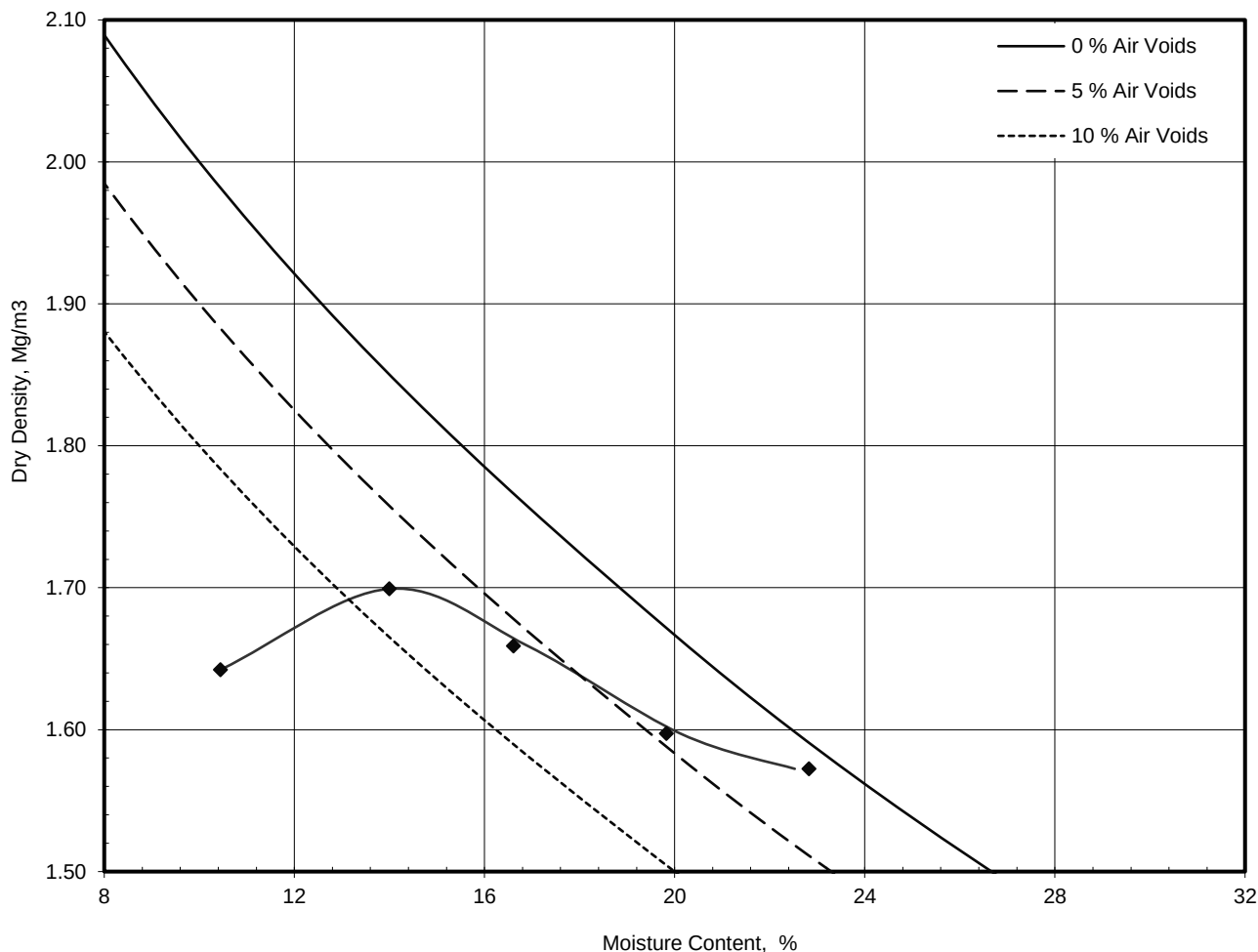
Printed

19/02/2024

### Dry Density / Moisture Content Relationship 2.5kg Compaction

|                |               |
|----------------|---------------|
| Project Number | PN234595      |
| Hole Number    | TP106         |
| Sample Number  |               |
| Depth          | 1.30 - 1.50 m |
| Sample Type    | B             |

|                      |                                              |
|----------------------|----------------------------------------------|
| Project Name         | Pyramid Park, Bury                           |
| Specimen Description | MADE GROUND: Dark brown sandy clayey gravel. |
| Test Method          | BS1377:Part 4:1990, clause 3.4, 2.5kg rammer |



|                                    |                           |      |
|------------------------------------|---------------------------|------|
| Preparation                        | Material used was natural |      |
| Mould Type                         | CBR                       |      |
| Samples Used                       | Single sample tested.     |      |
| Material Retained on 37.5 mm Sieve | %                         | 5    |
| Material Retained on 20.0 mm Sieve | %                         | 23   |
| Particle Density - Assumed         | Mg/m³                     | 2.50 |

|                                 |       |             |
|---------------------------------|-------|-------------|
| <b>Maximum Dry Density</b>      | Mg/m³ | <b>1.70</b> |
| <b>Optimum Moisture Content</b> | %     | <b>14</b>   |

Remarks

NMC = 22.8%

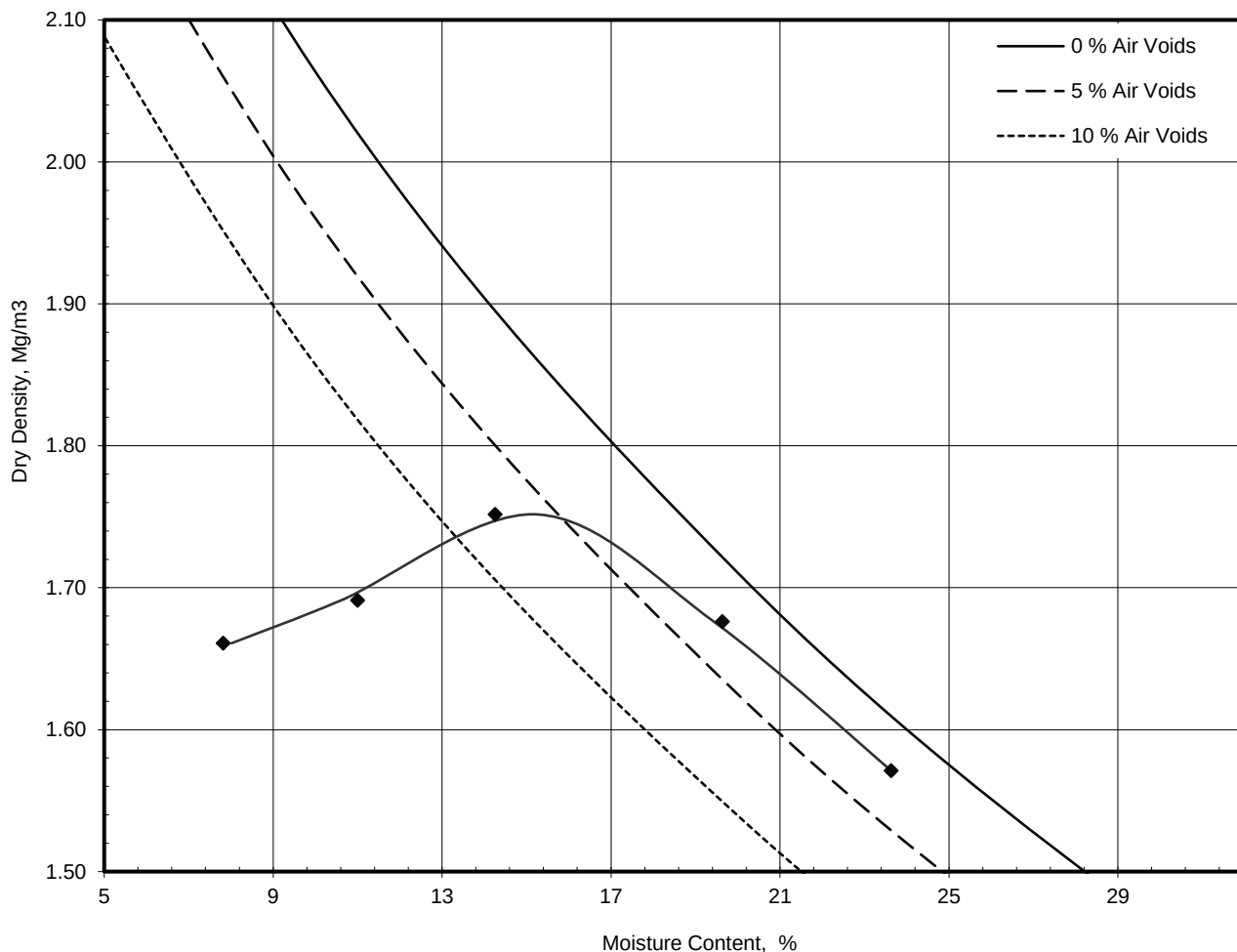
Printed

19/02/2024

### Dry Density / Moisture Content Relationship 2.5kg Compaction

|                |               |
|----------------|---------------|
| Project Number | PN234595      |
| Hole Number    | TP109         |
| Sample Number  |               |
| Depth          | 1.00 - 1.20 m |
| Sample Type    | B             |

|                      |                                                       |
|----------------------|-------------------------------------------------------|
| Project Name         | Pyramid Park, Bury                                    |
| Specimen Description | MADE GROUND: Dark brown slightly gravelly sandy clay. |
| Test Method          | BS1377:Part 4:1990, clause 3.4, 2.5kg rammer          |



|                                    |                           |      |
|------------------------------------|---------------------------|------|
| Preparation                        | Material used was natural |      |
| Mould Type                         | CBR                       |      |
| Samples Used                       | Single sample tested.     |      |
| Material Retained on 37.5 mm Sieve | %                         | 2    |
| Material Retained on 20.0 mm Sieve | %                         | 13   |
| Particle Density - Assumed         | Mg/m³                     | 2.60 |

|                     |       |      |
|---------------------|-------|------|
| Maximum Dry Density | Mg/m³ | 1.75 |
|---------------------|-------|------|

|                          |   |    |
|--------------------------|---|----|
| Optimum Moisture Content | % | 15 |
|--------------------------|---|----|

Remarks

NMC = 14.3%

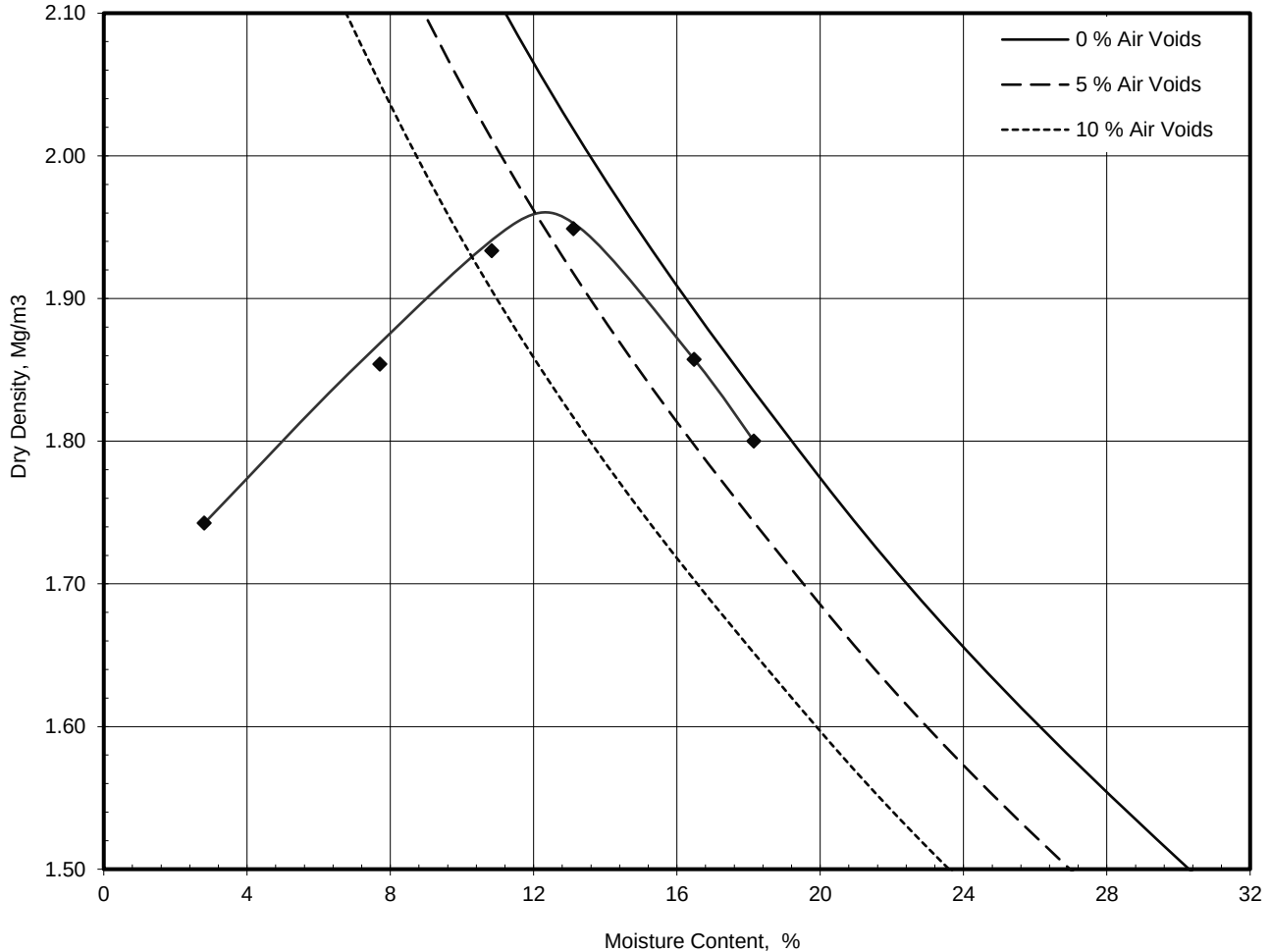
Printed

19/02/2024

### Dry Density / Moisture Content Relationship 2.5kg Compaction

|                |               |
|----------------|---------------|
| Project Number | PN234595      |
| Hole Number    | TP110         |
| Sample Number  |               |
| Depth          | 1.60 - 1.90 m |
| Sample Type    | B             |

|                      |                                                   |
|----------------------|---------------------------------------------------|
| Project Name         | Pyramid Park, Bury                                |
| Specimen Description | Light brown slightly sandy slightly gravelly CLAY |
| Test Method          | BS1377:Part 4:1990, clause 3.4, 2.5kg rammer      |



|                                    |                           |      |
|------------------------------------|---------------------------|------|
| Preparation                        | Material used was natural |      |
| Mould Type                         | CBR                       |      |
| Samples Used                       | Single sample tested.     |      |
| Material Retained on 37.5 mm Sieve | %                         | 5    |
| Material Retained on 20.0 mm Sieve | %                         | 12   |
| Particle Density - Assumed         | Mg/m³                     | 2.75 |

|                     |       |      |
|---------------------|-------|------|
| Maximum Dry Density | Mg/m³ | 1.96 |
|---------------------|-------|------|

|                          |   |    |
|--------------------------|---|----|
| Optimum Moisture Content | % | 12 |
|--------------------------|---|----|

Remarks

NMC = 13.1%

Printed

19/02/2024

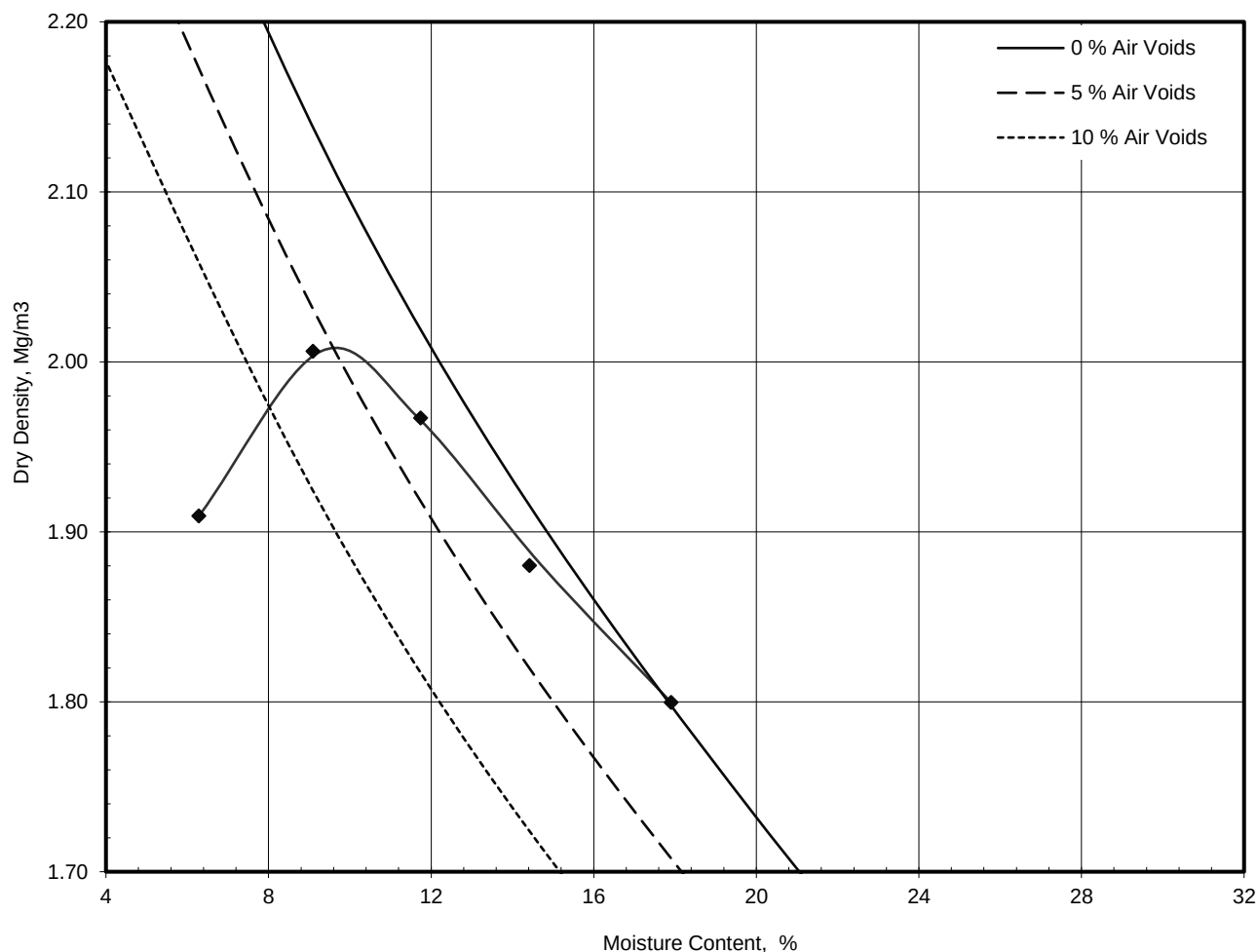
### Dry Density / Moisture Content Relationship 2.5kg Compaction

|                |               |
|----------------|---------------|
| Project Number | PN234595      |
| Hole Number    | TP116A        |
| Sample Number  |               |
| Depth          | 0.80 - 1.00 m |
| Sample Type    | B             |

Project Name: Pyramid Park, Bury

Specimen Description: Brown very gravelly SAND

Test Method: BS1377:Part 4:1990, clause 3.4, 2.5kg rammer



|                                    |                           |      |
|------------------------------------|---------------------------|------|
| Preparation                        | Material used was natural |      |
| Mould Type                         | CBR                       |      |
| Samples Used                       | Single sample tested.     |      |
| Material Retained on 37.5 mm Sieve | %                         | 17   |
| Material Retained on 20.0 mm Sieve | %                         | 23   |
| Particle Density - Assumed         | Mg/m³                     | 2.65 |

|                     |       |      |
|---------------------|-------|------|
| Maximum Dry Density | Mg/m³ | 2.01 |
|---------------------|-------|------|

|                          |   |     |
|--------------------------|---|-----|
| Optimum Moisture Content | % | 9.6 |
|--------------------------|---|-----|

Remarks

NMC = 14.4%

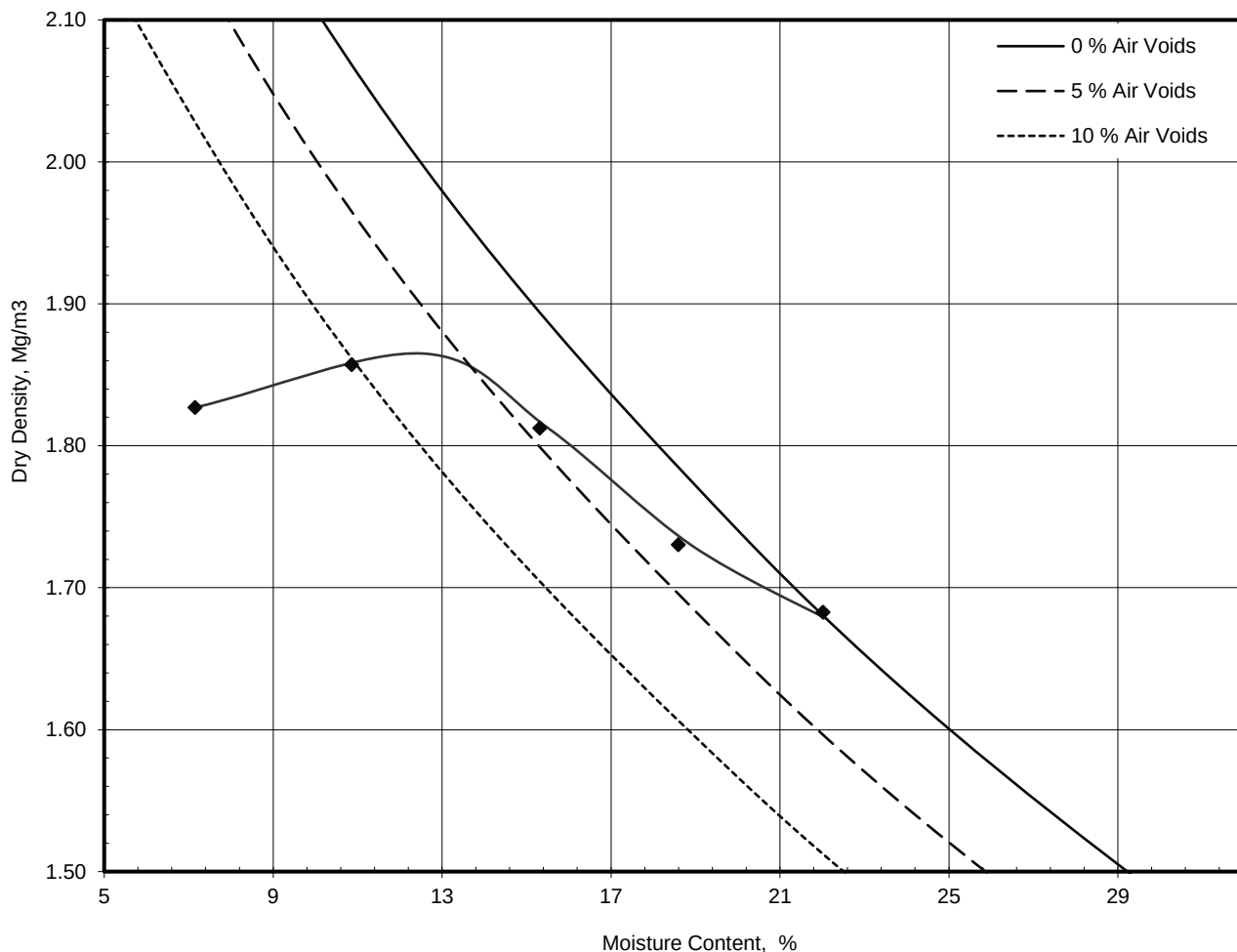
Printed

19/02/2024

### Dry Density / Moisture Content Relationship 2.5kg Compaction

|                |               |
|----------------|---------------|
| Project Number | PN234595      |
| Hole Number    | TP116A        |
| Sample Number  |               |
| Depth          | 1.70 - 2.00 m |
| Sample Type    | B             |

|                      |                                              |
|----------------------|----------------------------------------------|
| Project Name         | Pyramid Park, Bury                           |
| Specimen Description | Brown gravelly SAND                          |
| Test Method          | BS1377:Part 4:1990, clause 3.4, 2.5kg rammer |



|                                    |                           |      |
|------------------------------------|---------------------------|------|
| Preparation                        | Material used was natural |      |
| Mould Type                         | CBR                       |      |
| Samples Used                       | Single sample tested.     |      |
| Material Retained on 37.5 mm Sieve | %                         | 2    |
| Material Retained on 20.0 mm Sieve | %                         | 6    |
| Particle Density - Assumed         | Mg/m³                     | 2.67 |

|                     |       |      |
|---------------------|-------|------|
| Maximum Dry Density | Mg/m³ | 1.86 |
|---------------------|-------|------|

|                          |   |    |
|--------------------------|---|----|
| Optimum Moisture Content | % | 13 |
|--------------------------|---|----|

Remarks

NMC = 18.6%

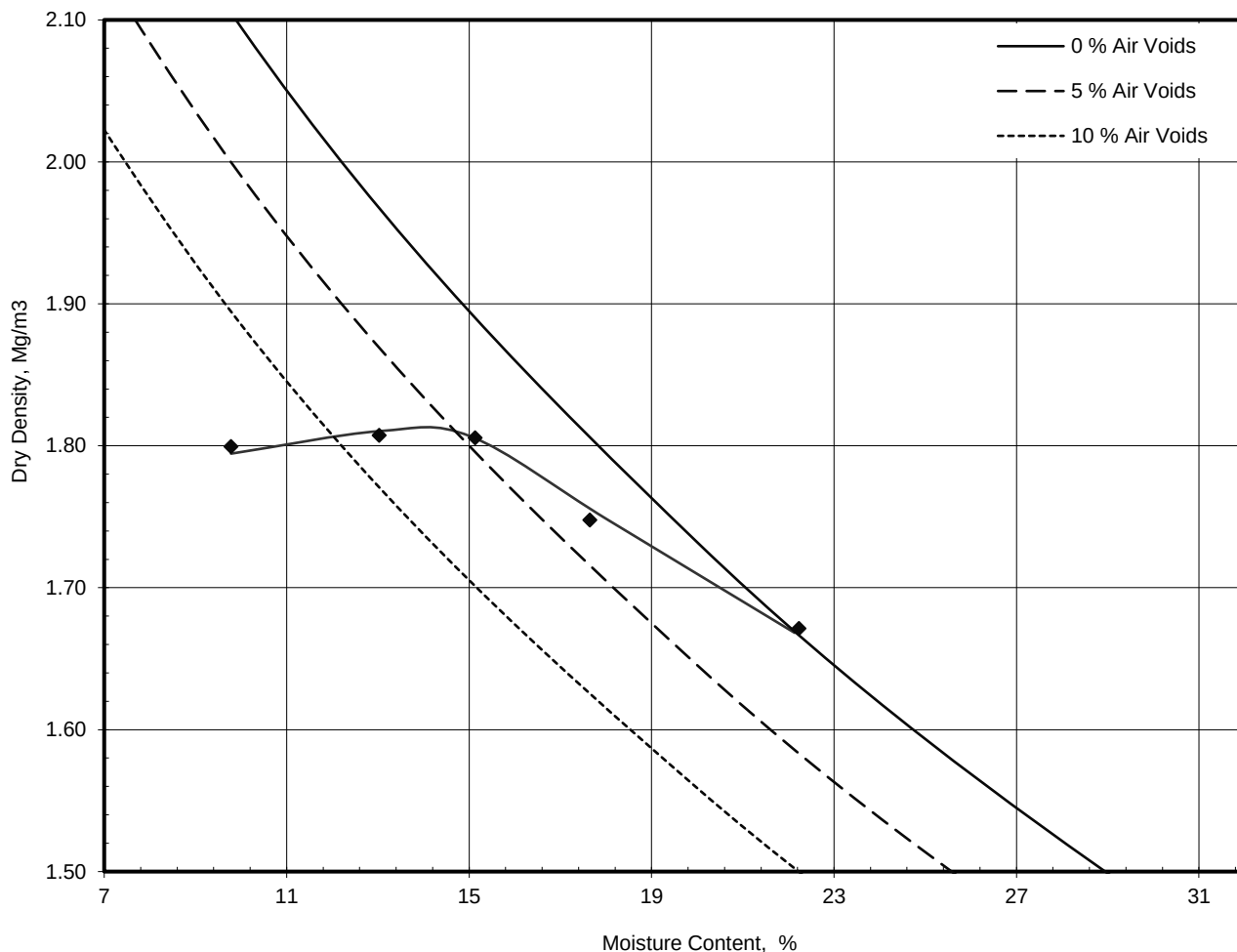
Printed

19/02/2024

### Dry Density / Moisture Content Relationship 2.5kg Compaction

|                |               |
|----------------|---------------|
| Project Number | PN234595      |
| Hole Number    | TP118         |
| Sample Number  |               |
| Depth          | 1.00 - 1.10 m |
| Sample Type    | B             |

|                      |                                              |
|----------------------|----------------------------------------------|
| Project Name         | Pyramid Park, Bury                           |
| Specimen Description | Brown slightly gravelly SAND                 |
| Test Method          | BS1377:Part 4:1990, clause 3.3, 2.5kg rammer |



|                                    |                           |      |
|------------------------------------|---------------------------|------|
| Preparation                        | Material used was natural |      |
| Mould Type                         | 1 LITRE                   |      |
| Samples Used                       | Single sample tested.     |      |
| Material Retained on 37.5 mm Sieve | %                         | 1    |
| Material Retained on 20.0 mm Sieve | %                         | 3    |
| Particle Density - Assumed         | Mg/m³                     | 2.65 |

|                            |       |             |
|----------------------------|-------|-------------|
| <b>Maximum Dry Density</b> | Mg/m³ | <b>1.81</b> |
|----------------------------|-------|-------------|

|                                 |   |           |
|---------------------------------|---|-----------|
| <b>Optimum Moisture Content</b> | % | <b>14</b> |
|---------------------------------|---|-----------|

Remarks

NMC = 25.6%

Printed

19/02/2024

### Dry Density / Moisture Content Relationship 2.5kg Compaction

Project Number PN234595

Hole Number TP119

Project Name Pyramid Park, Bury

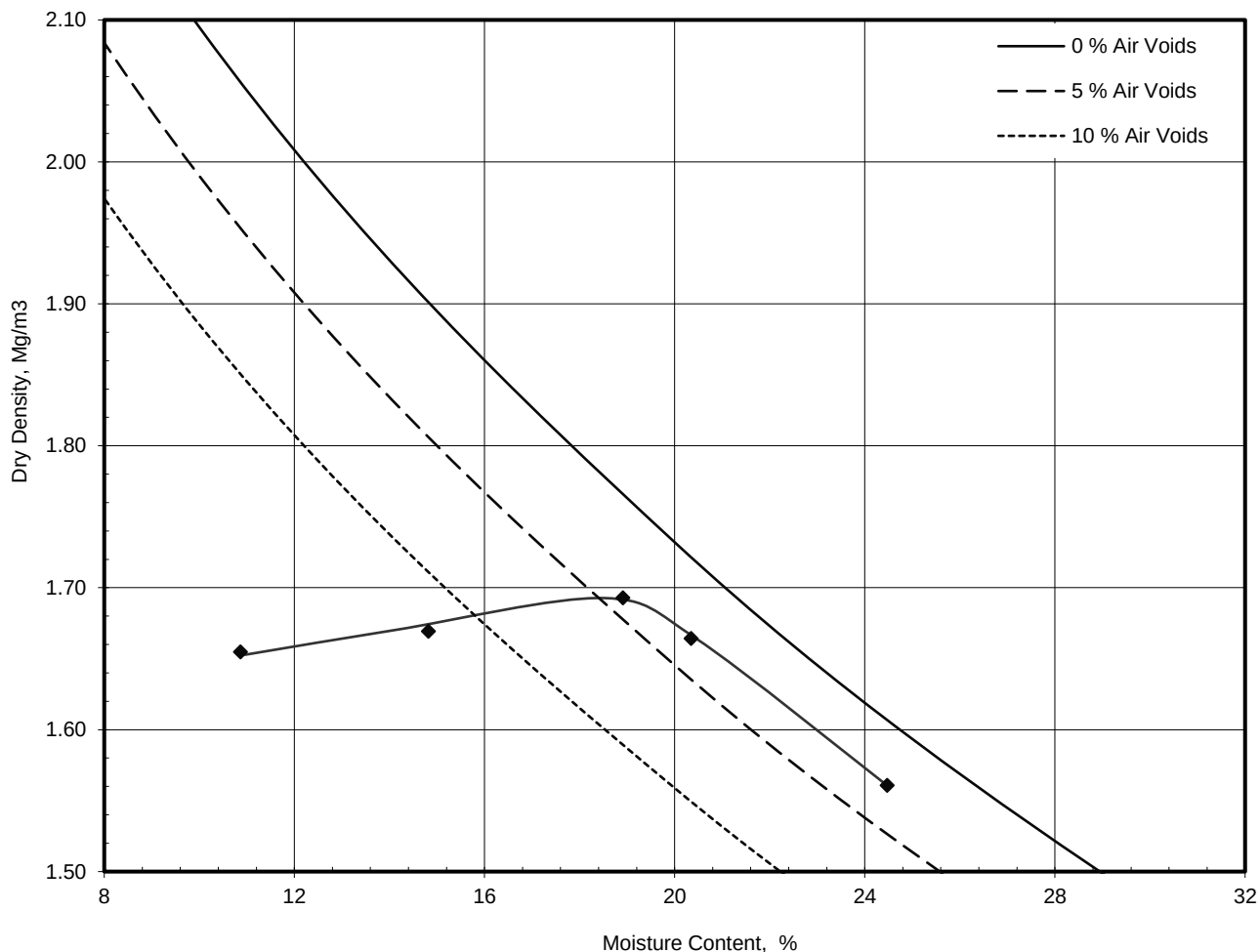
Sample Number

Specimen Description MADE GROUND: Dark brown slightly gravelly slightly sandy clay.

Depth 2.00 - 2.20 m

Test Method BS1377:Part 4:1990, clause 3.4, 2.5kg rammer

Sample Type B



|                                    |                           |      |
|------------------------------------|---------------------------|------|
| Preparation                        | Material used was natural |      |
| Mould Type                         | CBR                       |      |
| Samples Used                       | Single sample tested.     |      |
| Material Retained on 37.5 mm Sieve | %                         | 11   |
| Material Retained on 20.0 mm Sieve | %                         | 14   |
| Particle Density - Assumed         | Mg/m³                     | 2.65 |

|                     |       |      |
|---------------------|-------|------|
| Maximum Dry Density | Mg/m³ | 1.69 |
|---------------------|-------|------|

|                          |   |    |
|--------------------------|---|----|
| Optimum Moisture Content | % | 19 |
|--------------------------|---|----|

Remarks

NMC = 24.5%

Printed

19/02/2024

### Dry Density / Moisture Content Relationship 2.5kg Compaction

Project Number PN234595

Hole Number TP120

Project Name Pyramid Park, Bury

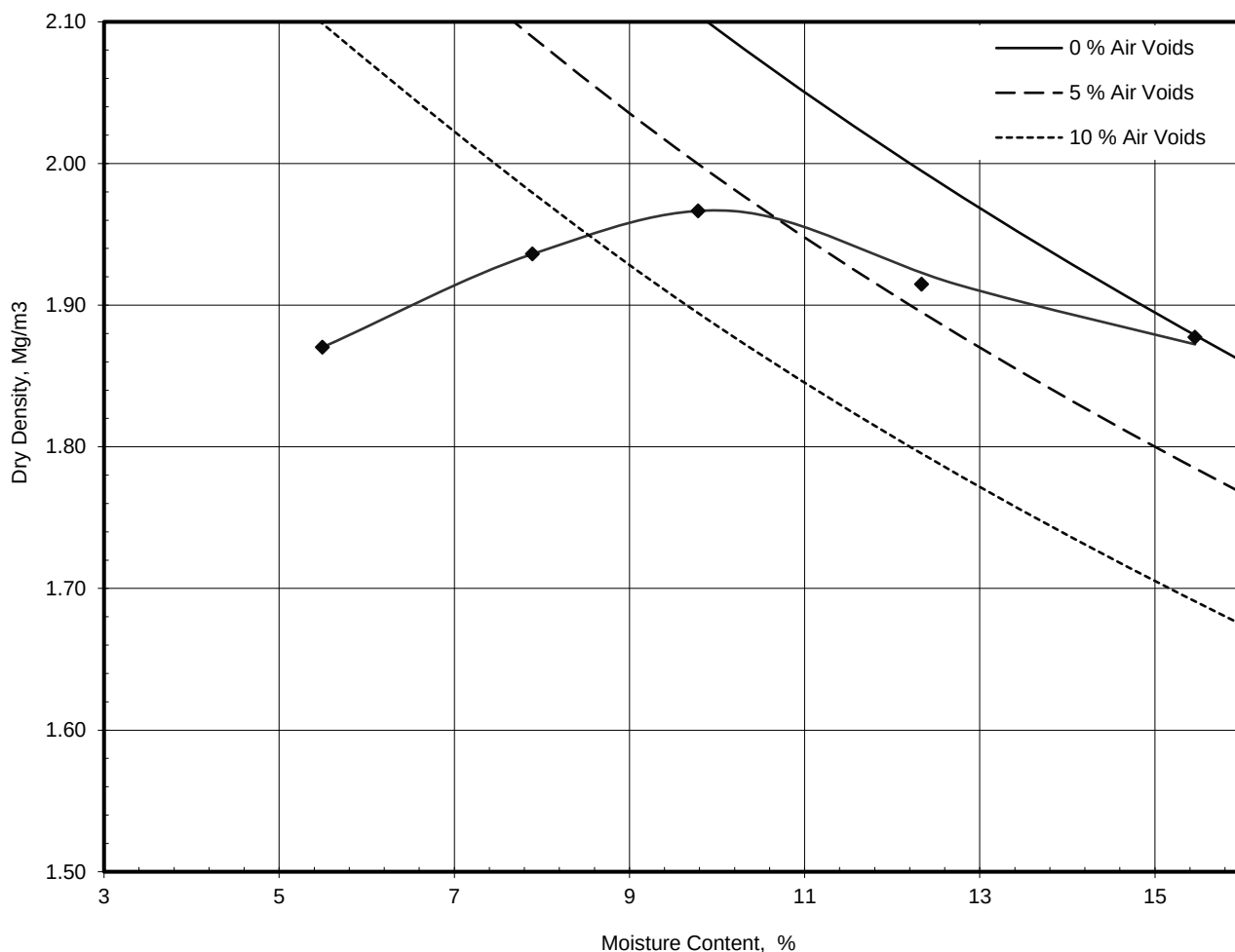
Sample Number

Specimen Description Light brown mottled grey slightly sandy slightly gravelly CLAY.

Depth 2.50 - 2.70 m

Test Method BS1377:Part 4:1990, clause 3.4, 2.5kg rammer

Sample Type B



|                                    |                           |      |
|------------------------------------|---------------------------|------|
| Preparation                        | Material used was natural |      |
| Mould Type                         | CBR                       |      |
| Samples Used                       | Single sample tested.     |      |
| Material Retained on 37.5 mm Sieve | %                         | 4    |
| Material Retained on 20.0 mm Sieve | %                         | 18   |
| Particle Density - Assumed         | Mg/m³                     | 2.65 |

|                     |       |      |
|---------------------|-------|------|
| Maximum Dry Density | Mg/m³ | 1.97 |
|---------------------|-------|------|

|                          |   |    |
|--------------------------|---|----|
| Optimum Moisture Content | % | 10 |
|--------------------------|---|----|

Remarks

NMC = 9.8%

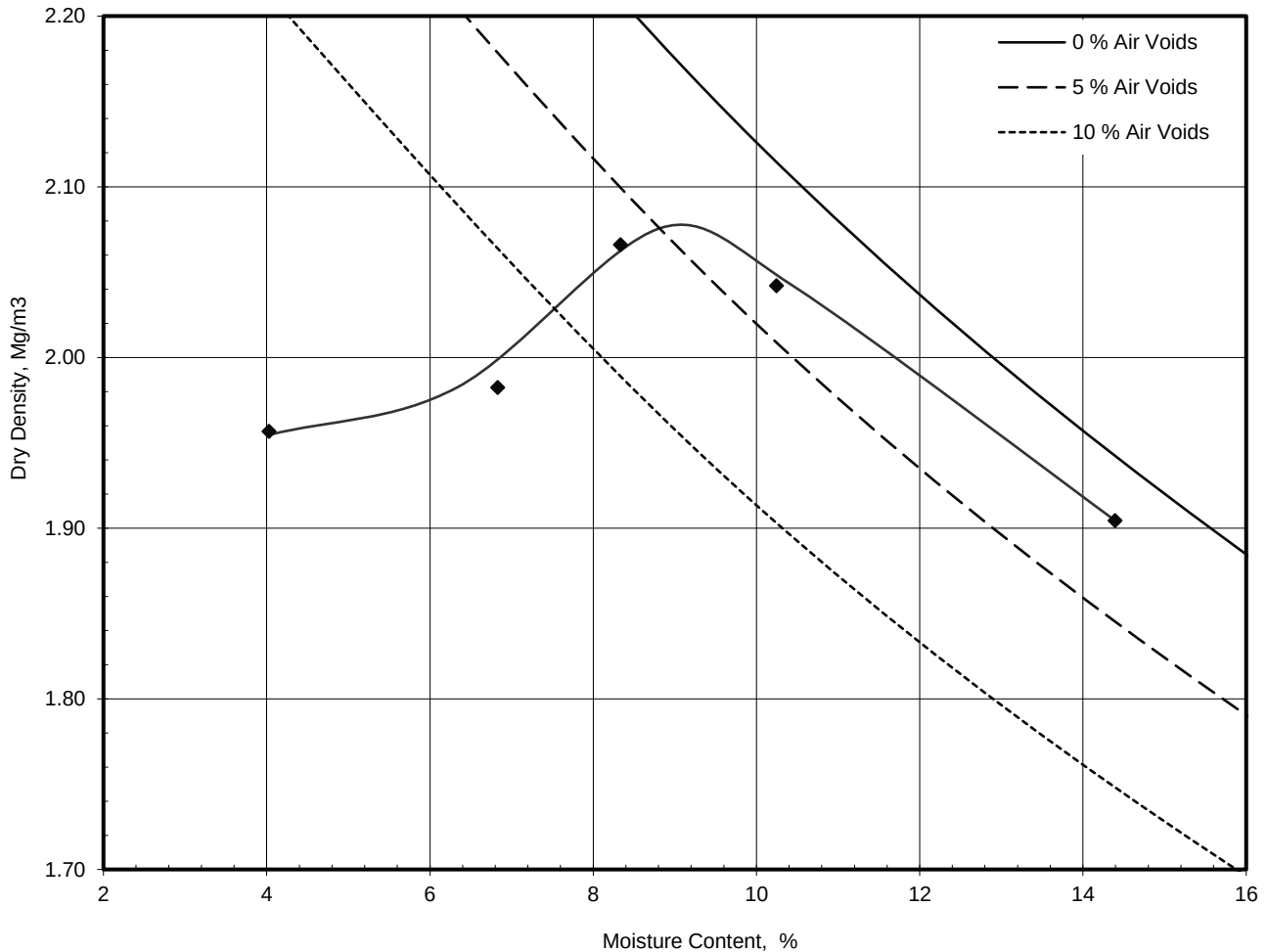
Printed

19/02/2024

### Dry Density / Moisture Content Relationship 2.5kg Compaction

|                |               |
|----------------|---------------|
| Project Number | PN234595      |
| Hole Number    | TP123         |
| Sample Number  |               |
| Depth          | 0.70 - 0.90 m |
| Sample Type    | B             |

|                      |                                              |
|----------------------|----------------------------------------------|
| Project Name         | Pyramid Park, Bury                           |
| Specimen Description | Dark grey very gravelly SAND                 |
| Test Method          | BS1377:Part 4:1990, clause 3.4, 2.5kg rammer |



|                                    |                           |      |
|------------------------------------|---------------------------|------|
| Preparation                        | Material used was natural |      |
| Mould Type                         | CBR                       |      |
| Samples Used                       | Single sample tested.     |      |
| Material Retained on 37.5 mm Sieve | %                         | 3    |
| Material Retained on 20.0 mm Sieve | %                         | 14   |
| Particle Density - Assumed         | Mg/m³                     | 2.70 |

|                            |       |             |
|----------------------------|-------|-------------|
| <b>Maximum Dry Density</b> | Mg/m³ | <b>2.08</b> |
|----------------------------|-------|-------------|

|                                 |   |            |
|---------------------------------|---|------------|
| <b>Optimum Moisture Content</b> | % | <b>9.1</b> |
|---------------------------------|---|------------|

Remarks

NMC = 10.2%

Printed

19/02/2024

|                                                                                                     |                                                                 |                |   |                |             |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------|---|----------------|-------------|
|  <b>GEOTECHNICS</b> | <b>Moisture Condition Value / Moisture Content Relationship</b> |                |   | Project Number | PN234595    |
|                                                                                                     |                                                                 |                |   | Hole Number    | BH102       |
| Site Name                                                                                           | Pyramid Park, Bury                                              |                |   | Sample Number  |             |
| Specimen Reference                                                                                  | 3                                                               | Specimen Depth | m | Depth (m)      | 1.20 - 1.65 |
| Specimen Description                                                                                | Dark greyish brown slightly sandy gravelly CLAY with roots.     |                |   | Sample Type    | B           |
| Test Method                                                                                         | BS1377:Part 4:1990:clause 5.5                                   |                |   | Date started   | 02/02/2024  |

Sample preparation

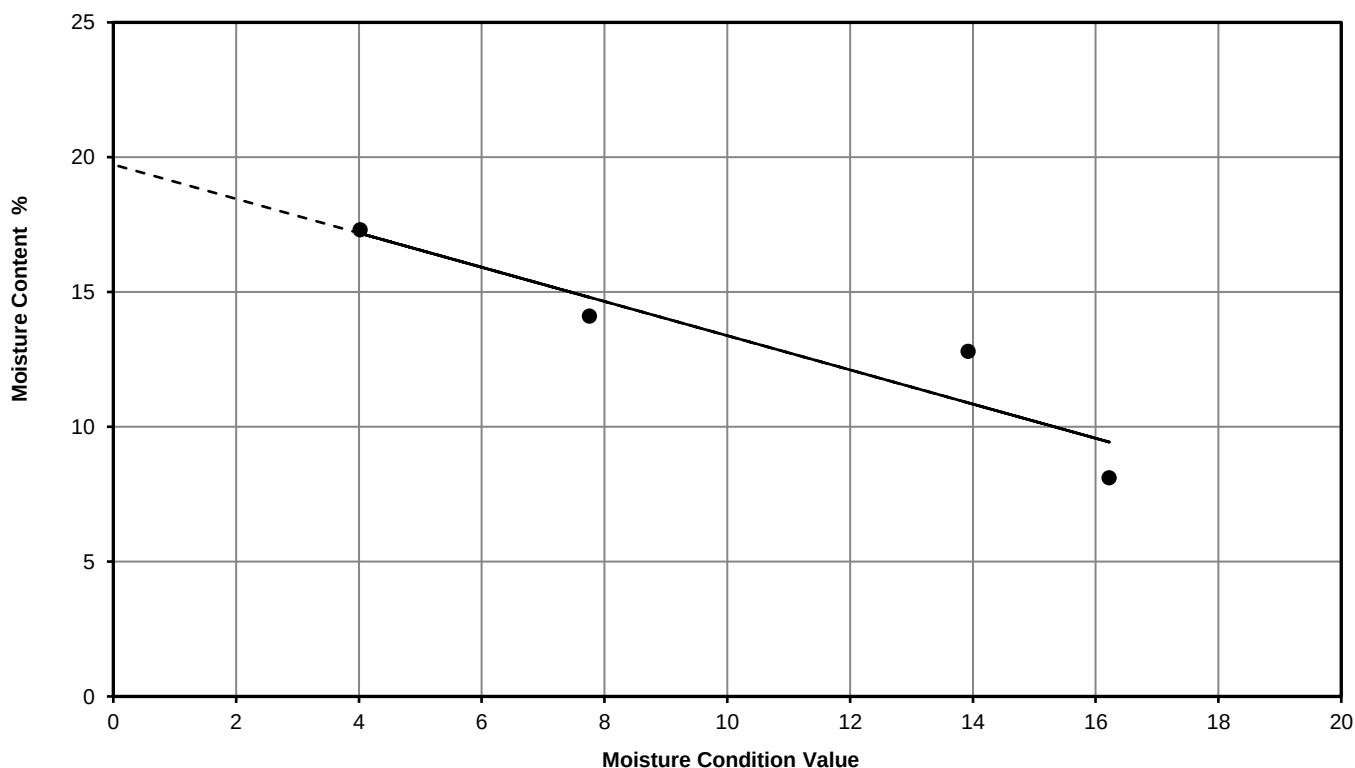
|                                                    |      |   |
|----------------------------------------------------|------|---|
| Amount of material larger than 20mm sieve removed  | 5.2  | % |
| Natural Moisture Content of sample                 | 14.1 | % |
| Initial Moisture Content of test sample below 20mm | 14.1 | % |
| Composite of fresh and reused material tested      |      |   |

General remarks

Table of results

|                              |                   |                   |                      |                      |  |
|------------------------------|-------------------|-------------------|----------------------|----------------------|--|
| MCV Test Number              | 1                 | 2                 | 3                    | 4                    |  |
| Moisture Content, %          | 14.1              | 17.3              | 8.1                  | 12.8                 |  |
| Moisture Condition Value     | 7.8               | 4.0               | 16.2                 | 13.9                 |  |
| MCV report                   | 7.8               | 4.0               | 16.2                 | 13.9                 |  |
| Effective / Valid data point | YES               | YES               | YES                  | YES                  |  |
| Specimen remarks             | Hand Vane = 92kPa | Hand Vane = 33kPa | Hand Vane = > 140kPa | Hand Vane = > 140kPa |  |

• valid points
 × invalid points
 - - - - extended regression
 — linear regression



|                                                                                                     |                                                                 |                |   |                |             |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------|---|----------------|-------------|
|  <b>GEOTECHNICS</b> | <b>Moisture Condition Value / Moisture Content Relationship</b> |                |   | Project Number | PN234595    |
|                                                                                                     |                                                                 |                |   | Hole Number    | BH105       |
| Site Name                                                                                           | Pyramid Park, Bury                                              |                |   | Sample Number  |             |
| Specimen Reference                                                                                  | 3                                                               | Specimen Depth | m | Depth (m)      | 2.00 - 2.45 |
| Specimen Description                                                                                | Brown slightly gravelly sandy CLAY.                             |                |   | Sample Type    | B           |
| Test Method                                                                                         | BS1377:Part 4:1990:clause 5.5                                   |                |   | Date started   | 02/02/2024  |

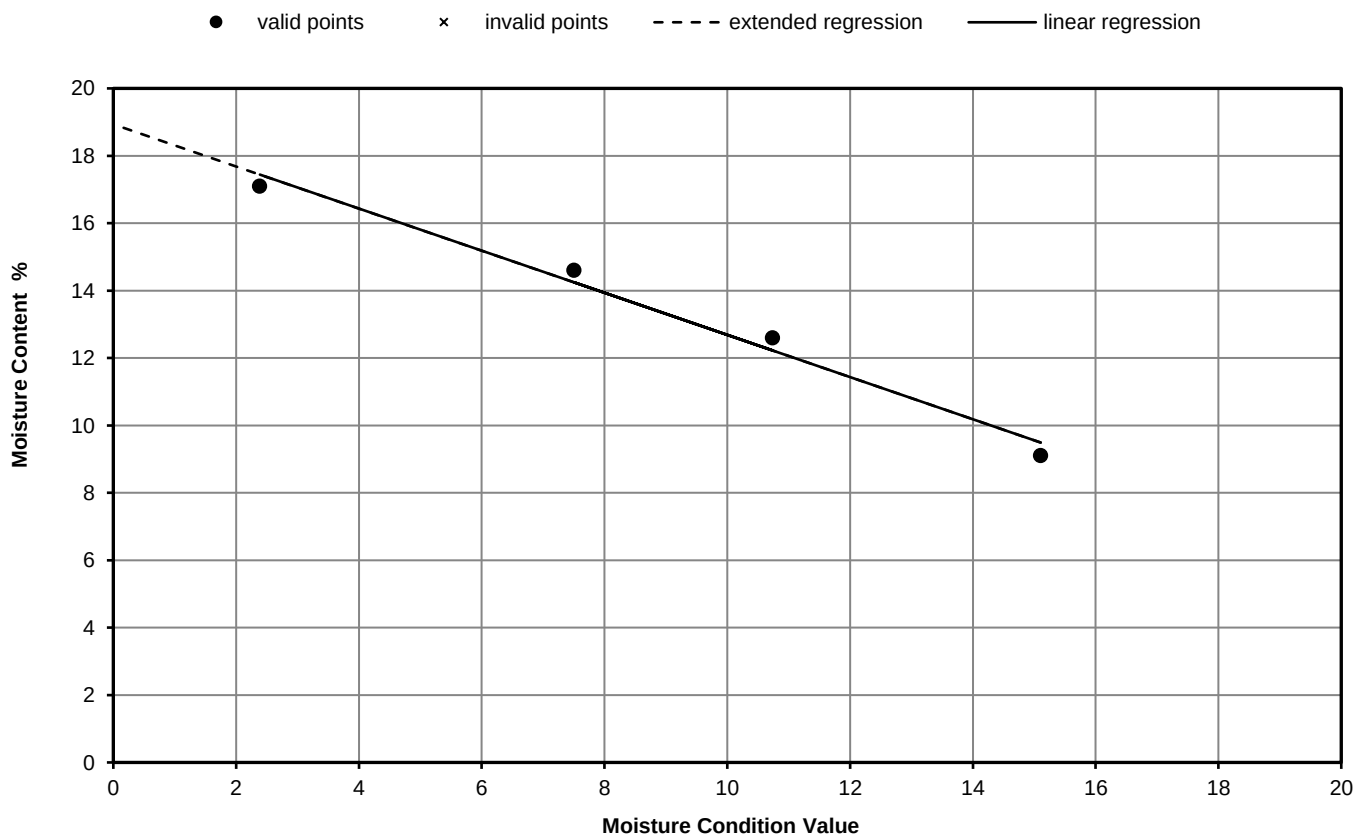
Sample preparation

|                                                    |      |   |
|----------------------------------------------------|------|---|
| Amount of material larger than 20mm sieve removed  | 1.47 | % |
| Natural Moisture Content of sample                 | 18.8 | % |
| Initial Moisture Content of test sample below 20mm | 18.8 | % |
| Composite of fresh and reused material tested      |      |   |

General remarks

Table of results

|                              |                     |                   |                    |                   |  |
|------------------------------|---------------------|-------------------|--------------------|-------------------|--|
| MCV Test Number              | 1                   | 2                 | 3                  | 4                 |  |
| Moisture Content, %          | 9.1                 | 14.6              | 12.6               | 17.1              |  |
| Moisture Condition Value     | 15.1                | 7.5               | 10.7               | 2.4               |  |
| MCV report                   | 15.1                | 7.5               | 10.7               | 2.4               |  |
| Effective / Valid data point | YES                 | YES               | YES                | YES               |  |
| Specimen remarks             | Hand Vane = >140kPa | Hand Vane = 43kPa | Hand Vane = 121kPa | Hand Vane = 20kPa |  |



|                                                                                  |                                                                |                |   |                |             |
|----------------------------------------------------------------------------------|----------------------------------------------------------------|----------------|---|----------------|-------------|
|  | Moisture Condition Value / Moisture Content Relationship       |                |   | Project Number | PN234595    |
|                                                                                  |                                                                |                |   | Hole Number    | TP101       |
| Site Name                                                                        | Pyramid Park, Bury                                             |                |   | Sample Number  |             |
| Specimen Reference                                                               | 3                                                              | Specimen Depth | m | Depth (m)      | 0.30 - 0.50 |
| Specimen Description                                                             | MADE GROUND: Dark brown slightly sandy slightly gravelly clay. |                |   | Sample Type    | B           |
| Test Method                                                                      | BS1377:Part 4:1990:clause 5.5                                  |                |   | Date started   | 02/02/2024  |

Sample preparation

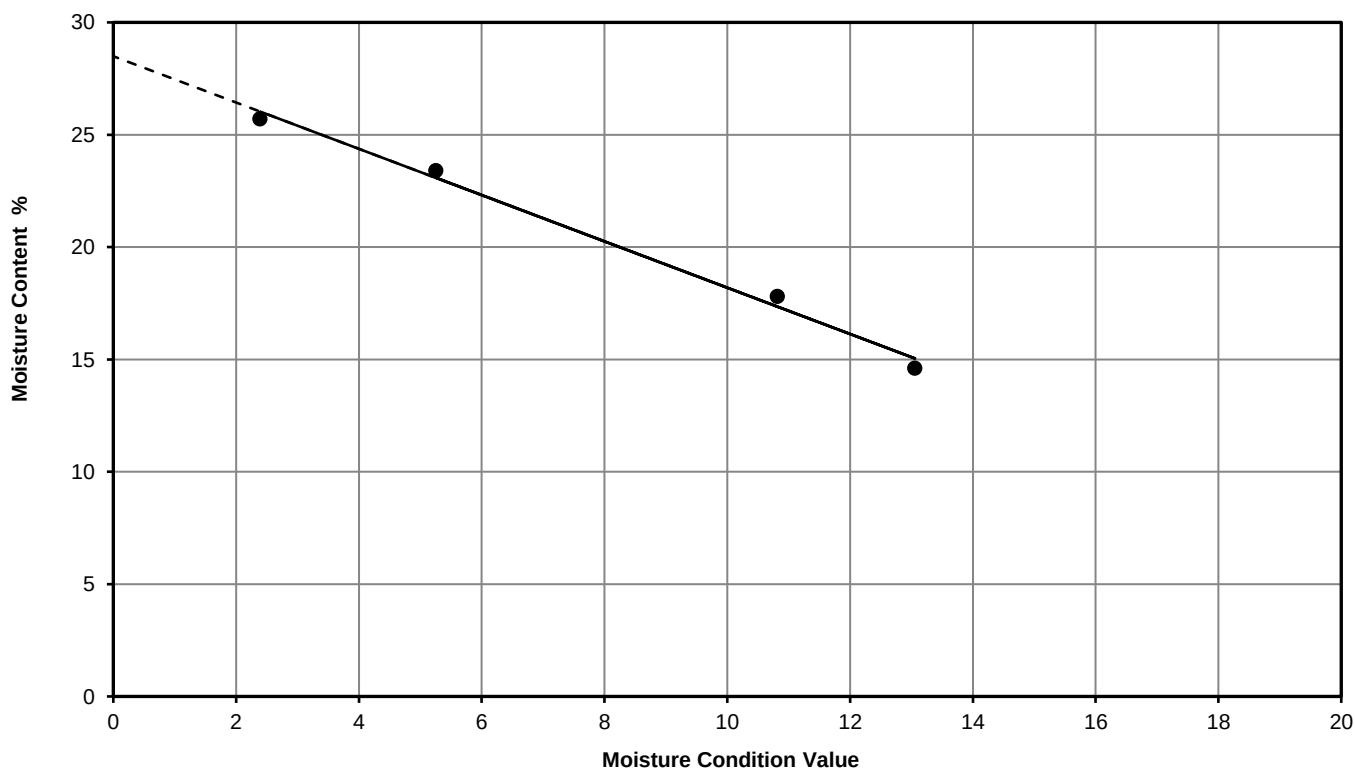
|                                                    |       |   |
|----------------------------------------------------|-------|---|
| Amount of material larger than 20mm sieve removed  | 16.86 | % |
| Natural Moisture Content of sample                 | 23.4  | % |
| Initial Moisture Content of test sample below 20mm | 23.4  | % |
| Composite of fresh and reused material tested      |       |   |

General remarks

Table of results

|                              |                   |                     |                   |                   |  |
|------------------------------|-------------------|---------------------|-------------------|-------------------|--|
| MCV Test Number              | 1                 | 2                   | 3                 | 4                 |  |
| Moisture Content, %          | 23.4              | 14.6                | 17.8              | 25.7              |  |
| Moisture Condition Value     | 5.3               | 13.1                | 10.8              | 2.4               |  |
| MCV report                   | 5.3               | 13.1                | 10.8              | 2.4               |  |
| Effective / Valid data point | YES               | YES                 | YES               | YES               |  |
| Specimen remarks             | Hand Vane = 36kPa | Hand Vane = >140kPa | Hand Vane = 62kPa | Hand Vane = 22kPa |  |

● valid points    × invalid points    - - - - extended regression    — linear regression



|                                                                                                     |                                                                 |                |   |                |             |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------|---|----------------|-------------|
|  <b>GEOTECHNICS</b> | <b>Moisture Condition Value / Moisture Content Relationship</b> |                |   | Project Number | PN234595    |
|                                                                                                     |                                                                 |                |   | Hole Number    | TP103       |
| Site Name                                                                                           | Pyramid Park, Bury                                              |                |   | Sample Number  |             |
| Specimen Reference                                                                                  | 3                                                               | Specimen Depth | m | Depth (m)      | 2.00 - 2.20 |
| Specimen Description                                                                                | Dark grey slightly sandy slightly gravelly CLAY.                |                |   | Sample Type    | B           |
| Test Method                                                                                         | BS1377:Part 4:1990:clause 5.5                                   |                |   | Date started   | 05/02/2024  |

Sample preparation

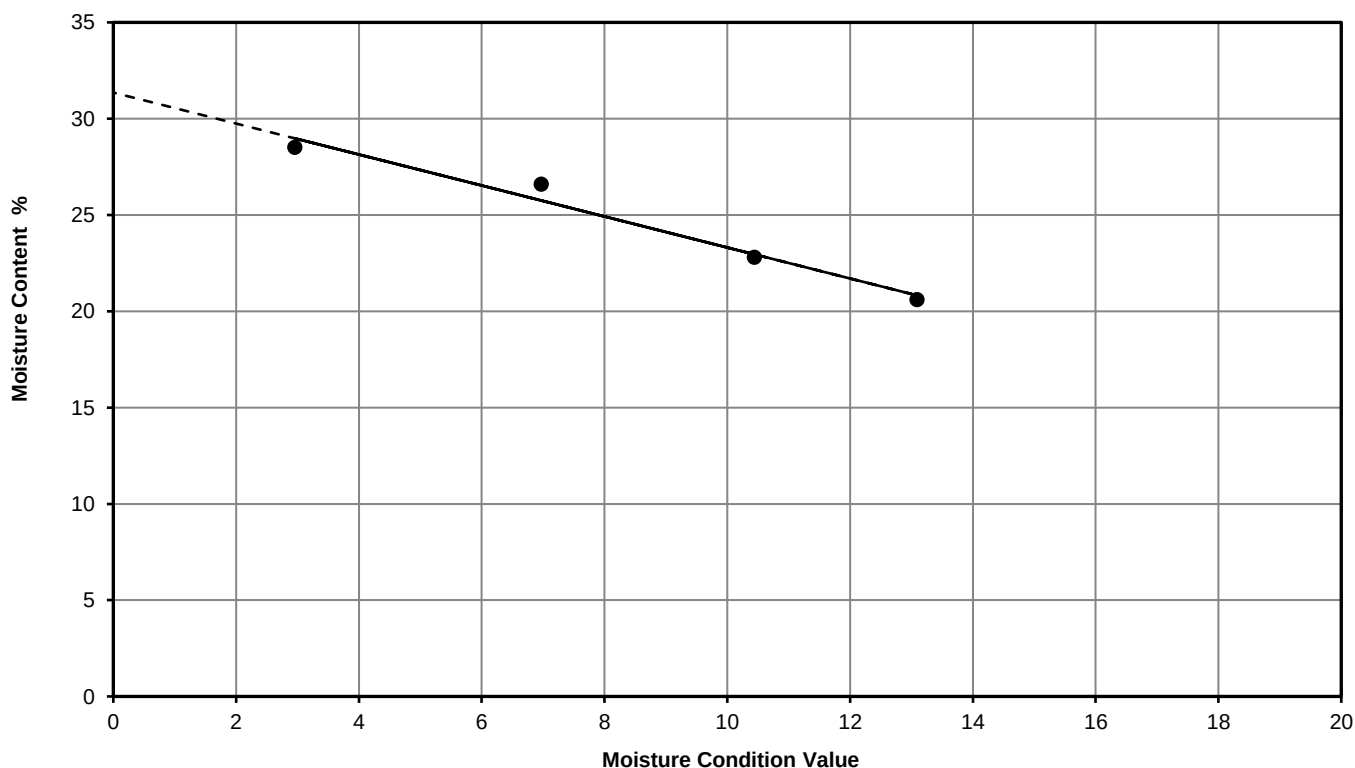
|                                                    |      |   |
|----------------------------------------------------|------|---|
| Amount of material larger than 20mm sieve removed  | 0    | % |
| Natural Moisture Content of sample                 | 10.4 | % |
| Initial Moisture Content of test sample below 20mm | 10.4 | % |
| Composite of fresh and reused material tested      |      |   |

General remarks

Table of results

|                              |                   |                   |                   |                    |  |
|------------------------------|-------------------|-------------------|-------------------|--------------------|--|
| MCV Test Number              | 1                 | 2                 | 3                 | 4                  |  |
| Moisture Content, %          | 22.8              | 26.6              | 28.5              | 20.6               |  |
| Moisture Condition Value     | 10.4              | 7.0               | 3.0               | 13.1               |  |
| MCV report                   | 10.4              | 7.0               | 3.0               | 13.1               |  |
| Effective / Valid data point | YES               | YES               | YES               | YES                |  |
| Specimen remarks             | Hand Vane = 93kPa | Hand Vane = 51kPa | Hand Vane = 28kPa | Hand Vane = 135kPa |  |

• valid points
 × invalid points
 - - - - extended regression
 — linear regression



|                                                                                                     |                                                                 |                |   |                |             |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------|---|----------------|-------------|
|  <b>GEOTECHNICS</b> | <b>Moisture Condition Value / Moisture Content Relationship</b> |                |   | Project Number | PN234595    |
|                                                                                                     |                                                                 |                |   | Hole Number    | TP108       |
| Site Name                                                                                           | Pyramid Park, Bury                                              |                |   | Sample Number  |             |
| Specimen Reference                                                                                  | 3                                                               | Specimen Depth | m | Depth (m)      | 2.00 - 2.20 |
| Specimen Description                                                                                | MADE GROUND: Dark brown slightly sandy gravelly clay.           |                |   | Sample Type    | B           |
| Test Method                                                                                         | BS1377:Part 4:1990:clause 5.5                                   |                |   | Date started   | 05/02/2024  |

Sample preparation

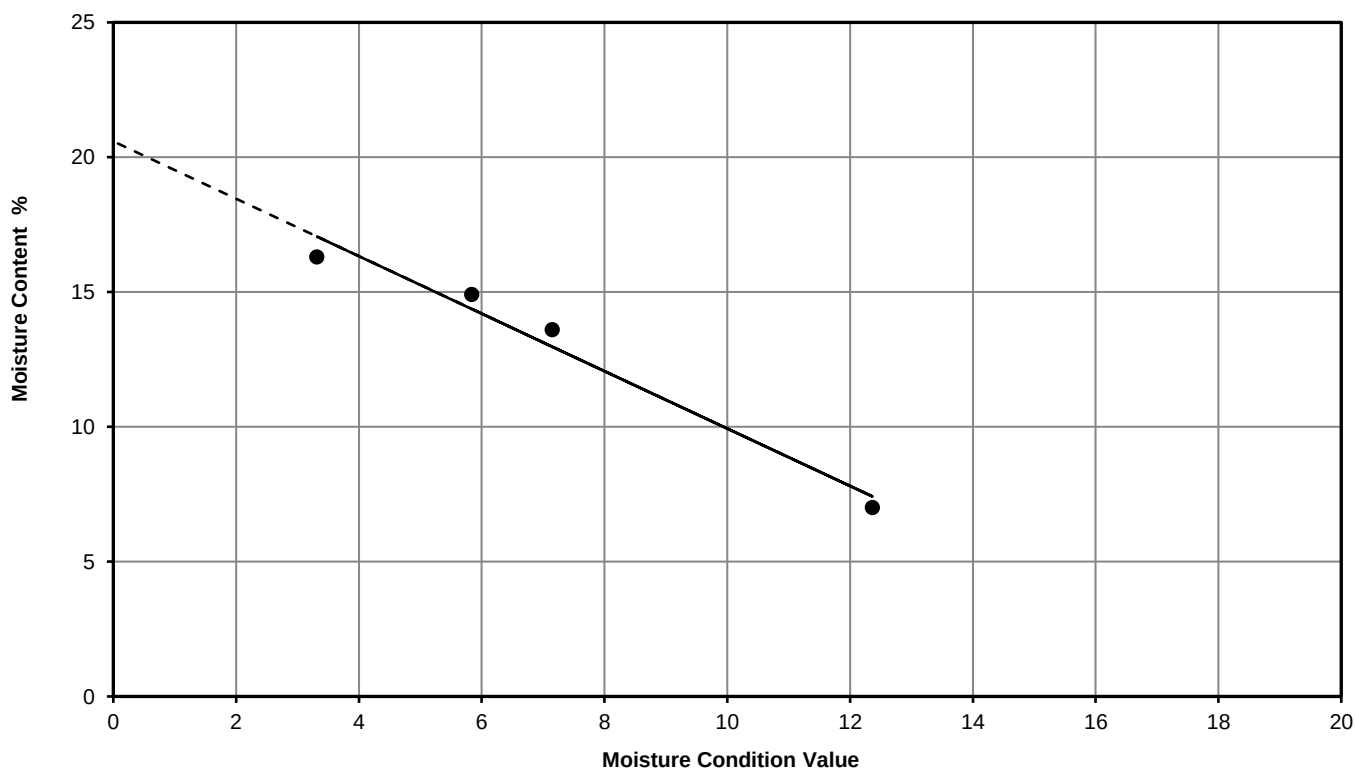
|                                                    |       |   |
|----------------------------------------------------|-------|---|
| Amount of material larger than 20mm sieve removed  | 45.97 | % |
| Natural Moisture Content of sample                 | 21.5  | % |
| Initial Moisture Content of test sample below 20mm | 21.5  | % |
| Composite of fresh and reused material tested      |       |   |

General remarks

Table of results

|                              |                   |                     |                   |                   |  |
|------------------------------|-------------------|---------------------|-------------------|-------------------|--|
| MCV Test Number              | 1                 | 2                   | 3                 | 4                 |  |
| Moisture Content, %          | 16.3              | 7.0                 | 13.6              | 14.9              |  |
| Moisture Condition Value     | 3.3               | 12.4                | 7.2               | 5.8               |  |
| MCV report                   | 3.3               | 12.4                | 7.2               | 5.8               |  |
| Effective / Valid data point | YES               | YES                 | YES               | YES               |  |
| Specimen remarks             | Hand Vane = 28kPa | Hand Vane = >140kPa | Hand Vane = 60kPa | Hand Vane = 30kPa |  |

• valid points
 × invalid points
 - - - - extended regression
 — linear regression



|                                                                                                     |                                                                 |                |   |                |             |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------|---|----------------|-------------|
|  <b>GEOTECHNICS</b> | <b>Moisture Condition Value / Moisture Content Relationship</b> |                |   | Project Number | PN234595    |
|                                                                                                     |                                                                 |                |   | Hole Number    | TP110       |
| Site Name                                                                                           | Pyramid Park, Bury                                              |                |   | Sample Number  |             |
| Specimen Reference                                                                                  | 3                                                               | Specimen Depth | m | Depth (m)      | 1.00 - 1.20 |
| Specimen Description                                                                                | Orangish brown slightly sandy slightly gravelly CLAY.           |                |   | Sample Type    | B           |
| Test Method                                                                                         | BS1377:Part 4:1990:clause 5.5                                   |                |   | Date started   | 02/02/2024  |

Sample preparation

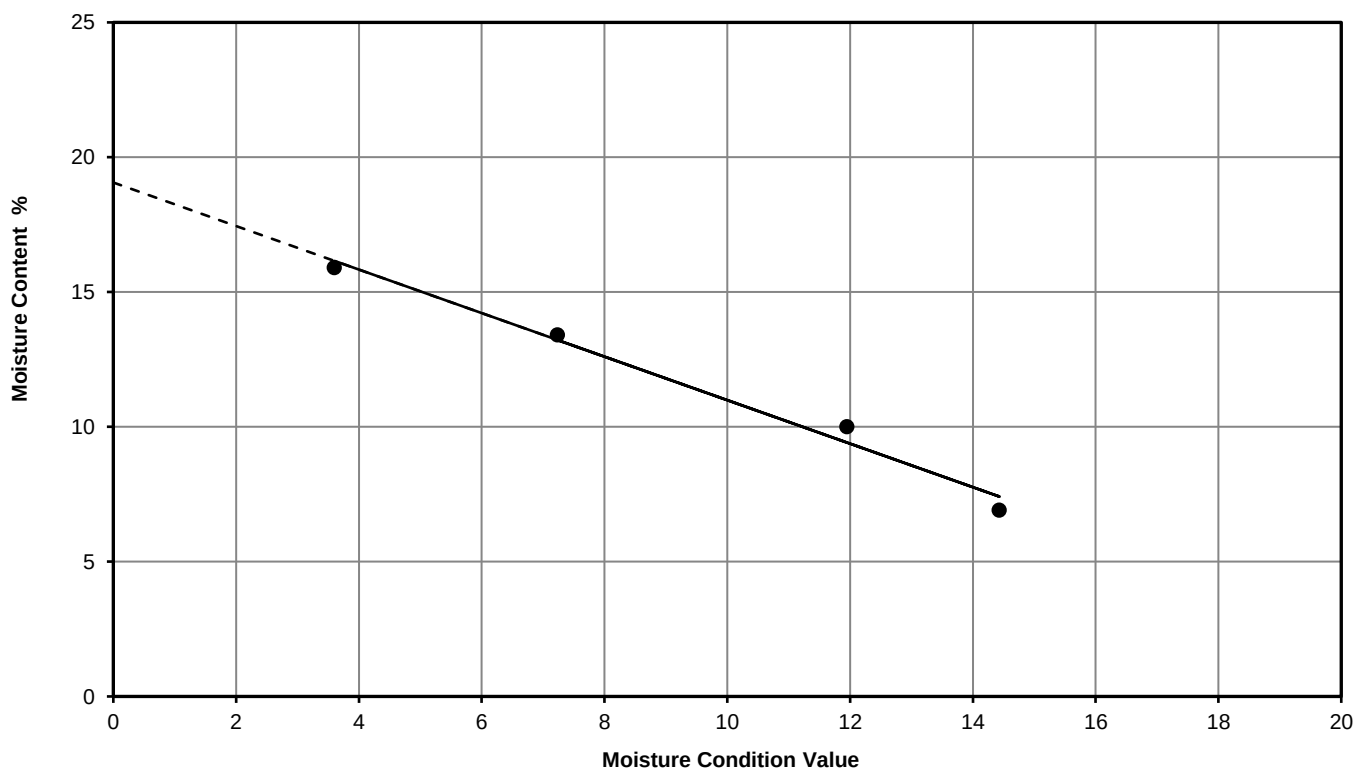
|                                                    |       |   |
|----------------------------------------------------|-------|---|
| Amount of material larger than 20mm sieve removed  | 26.43 | % |
| Natural Moisture Content of sample                 | 13.4  | % |
| Initial Moisture Content of test sample below 20mm | 13.4  | % |
| Composite of fresh and reused material tested      |       |   |

General remarks

Table of results

|                              |                   |                     |                     |                   |  |
|------------------------------|-------------------|---------------------|---------------------|-------------------|--|
| MCV Test Number              | 1                 | 2                   | 3                   | 4                 |  |
| Moisture Content, %          | 13.4              | 6.9                 | 10.0                | 15.9              |  |
| Moisture Condition Value     | 7.2               | 14.4                | 12.0                | 3.6               |  |
| MCV report                   | 7.2               | 14.4                | 12.0                | 3.6               |  |
| Effective / Valid data point | YES               | YES                 | YES                 | YES               |  |
| Specimen remarks             | Hand Vane = 52kPa | Hand Vane = >140kPa | Hand Vane = >140kPa | Hand Vane = 29kPa |  |

• valid points
 × invalid points
 - - - - extended regression
 — linear regression



|                                                                                                     |                                                                 |                |   |                |             |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------|---|----------------|-------------|
|  <b>GEOTECHNICS</b> | <b>Moisture Condition Value / Moisture Content Relationship</b> |                |   | Project Number | PN234595    |
|                                                                                                     |                                                                 |                |   | Hole Number    | TP110       |
| Site Name                                                                                           | Pyramid Park, Bury                                              |                |   | Sample Number  |             |
| Specimen Reference                                                                                  | 3                                                               | Specimen Depth | m | Depth (m)      | 2.70 - 3.00 |
| Specimen Description                                                                                | Brown mottled grey slightly sandy slightly gravelly CLAY        |                |   | Sample Type    | B           |
| Test Method                                                                                         | BS1377:Part 4:1990:clause 5.5                                   |                |   | Date started   | 05/02/2024  |

Sample preparation

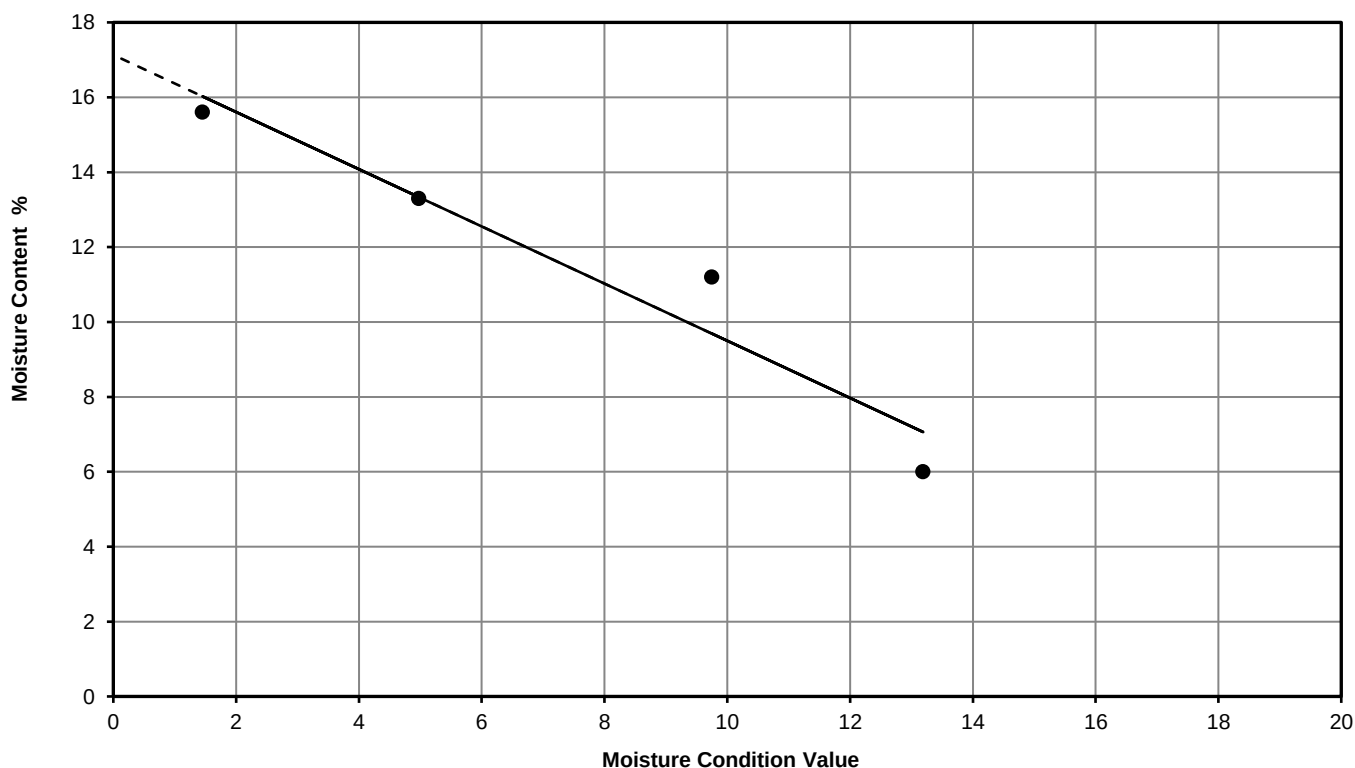
|                                                    |       |   |
|----------------------------------------------------|-------|---|
| Amount of material larger than 20mm sieve removed  | 19.01 | % |
| Natural Moisture Content of sample                 | 12.7  | % |
| Initial Moisture Content of test sample below 20mm | 12.7  | % |
| Composite of fresh and reused material tested      |       |   |

General remarks

Table of results

|                              |                    |                     |                   |                   |  |
|------------------------------|--------------------|---------------------|-------------------|-------------------|--|
| MCV Test Number              | 1                  | 2                   | 3                 | 4                 |  |
| Moisture Content, %          | 11.2               | 6.0                 | 15.6              | 13.3              |  |
| Moisture Condition Value     | 9.8                | 13.2                | 1.5               | 5.0               |  |
| MCV report                   | 9.8                | 13.2                | 1.5               | 5.0               |  |
| Effective / Valid data point | YES                | YES                 | YES               | YES               |  |
| Specimen remarks             | Hand Vane = 140kPa | Hand Vane = >140kPa | Hand Vane = 22kPa | Hand Vane = 35kPa |  |

• valid points
 × invalid points
 - - - - extended regression
 — linear regression



|                                                                                                     |                                                                 |                |   |                |             |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------|---|----------------|-------------|
|  <b>GEOTECHNICS</b> | <b>Moisture Condition Value / Moisture Content Relationship</b> |                |   | Project Number | PN234595    |
|                                                                                                     |                                                                 |                |   | Hole Number    | TP116A      |
| Site Name                                                                                           | Pyramid Park, Bury                                              |                |   | Sample Number  |             |
| Specimen Reference                                                                                  | 3                                                               | Specimen Depth | m | Depth (m)      | 2.00 - 2.20 |
| Specimen Description                                                                                | Dark brown slightly sandy slightly gravelly CLAY.               |                |   | Sample Type    | B           |
| Test Method                                                                                         | BS1377:Part 4:1990:clause 5.5                                   |                |   | Date started   | 05/02/2024  |

Sample preparation

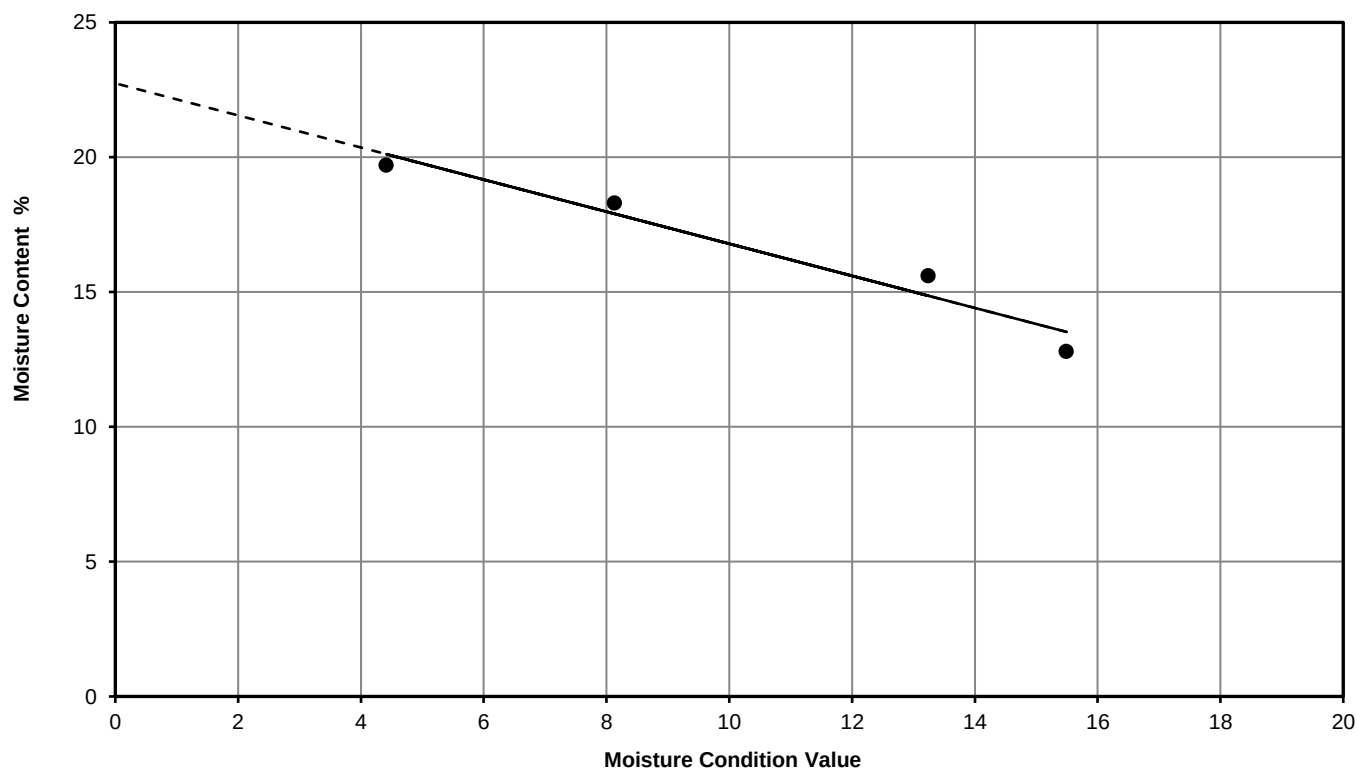
|                                                    |      |   |
|----------------------------------------------------|------|---|
| Amount of material larger than 20mm sieve removed  | 0    | % |
| Natural Moisture Content of sample                 | 18.5 | % |
| Initial Moisture Content of test sample below 20mm | 18.5 | % |
| Composite of fresh and reused material tested      |      |   |

General remarks

Table of results

|                              |                     |                   |                    |                   |  |
|------------------------------|---------------------|-------------------|--------------------|-------------------|--|
| MCV Test Number              | 1                   | 2                 | 3                  | 4                 |  |
| Moisture Content, %          | 12.8                | 19.7              | 15.6               | 18.3              |  |
| Moisture Condition Value     | 15.5                | 4.4               | 13.2               | 8.1               |  |
| MCV report                   | 15.5                | 4.4               | 13.2               | 8.1               |  |
| Effective / Valid data point | YES                 | YES               | YES                | YES               |  |
| Specimen remarks             | Hand Vane = >140kPa | Hand Vane = 27kPa | Hand Vane = 135kPa | Hand Vane = 47kPa |  |

• valid points
 × invalid points
 - - - - extended regression
 — linear regression



|                                                                                                     |                                                                 |                |   |                |             |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------|---|----------------|-------------|
|  <b>GEOTECHNICS</b> | <b>Moisture Condition Value / Moisture Content Relationship</b> |                |   | Project Number | PN234595    |
|                                                                                                     |                                                                 |                |   | Hole Number    | TP119       |
| Site Name                                                                                           | Pyramid Park, Bury                                              |                |   | Sample Number  |             |
| Specimen Reference                                                                                  | 3                                                               | Specimen Depth | m | Depth (m)      | 4.00 - 4.20 |
| Specimen Description                                                                                | Dark grey slightly sandy slightly gravelly CLAY.                |                |   | Sample Type    | B           |
| Test Method                                                                                         | BS1377:Part 4:1990:clause 5.5                                   |                |   | Date started   | 06/02/2024  |

Sample preparation

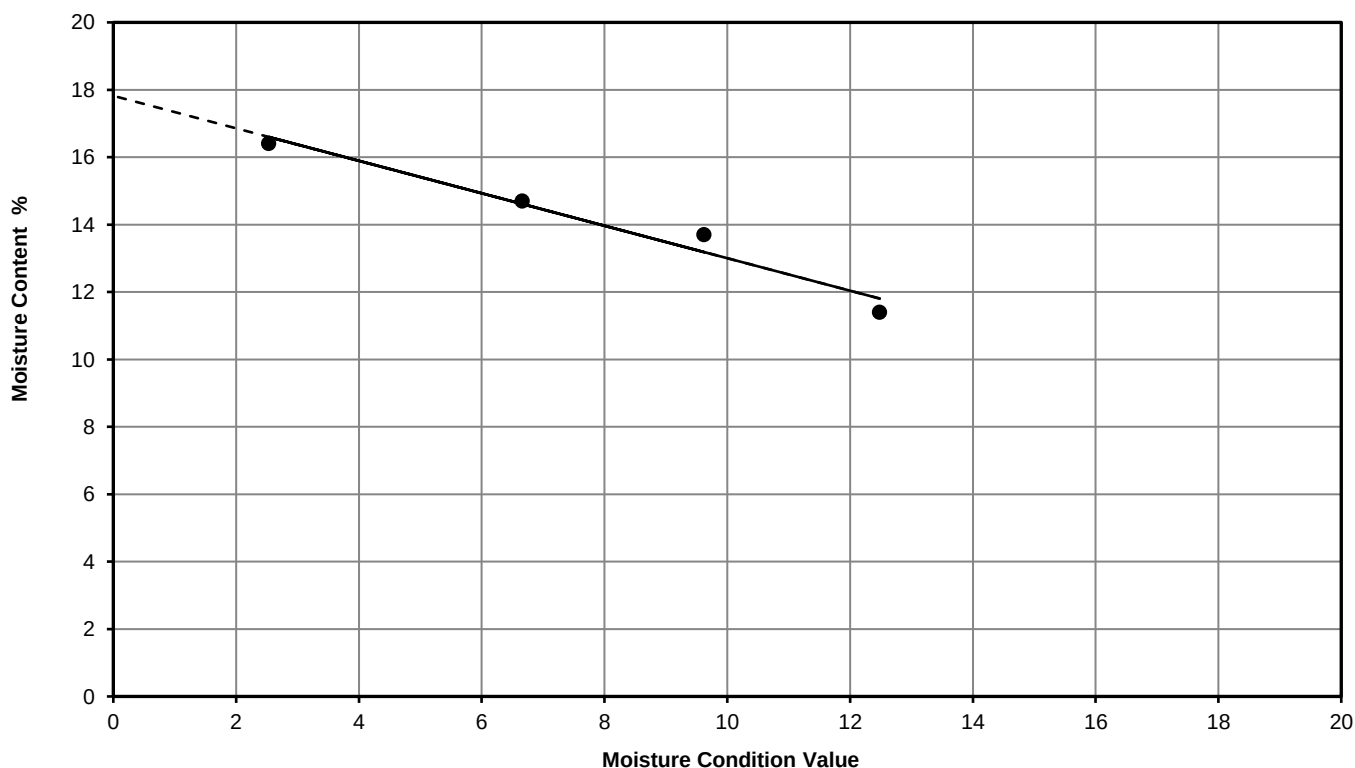
|                                                    |      |   |
|----------------------------------------------------|------|---|
| Amount of material larger than 20mm sieve removed  | 0    | % |
| Natural Moisture Content of sample                 | 11.4 | % |
| Initial Moisture Content of test sample below 20mm | 11.4 | % |
| Composite of fresh and reused material tested      |      |   |

General remarks

Table of results

|                              |                     |                   |                   |                   |  |
|------------------------------|---------------------|-------------------|-------------------|-------------------|--|
| MCV Test Number              | 1                   | 2                 | 3                 | 4                 |  |
| Moisture Content, %          | 11.4                | 14.7              | 16.4              | 13.7              |  |
| Moisture Condition Value     | 12.5                | 6.7               | 2.5               | 9.6               |  |
| MCV report                   | 12.5                | 6.7               | 2.5               | 9.6               |  |
| Effective / Valid data point | YES                 | YES               | YES               | YES               |  |
| Specimen remarks             | Hand Vane = >140kPa | Hand Vane = 56kPa | Hand Vane = 26kPa | Hand Vane = 69kPa |  |

• valid points
 × invalid points
 - - - - extended regression
 — linear regression



|                                                                                                     |                                                                 |                |   |                |             |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------|---|----------------|-------------|
|  <b>GEOTECHNICS</b> | <b>Moisture Condition Value / Moisture Content Relationship</b> |                |   | Project Number | PN234595    |
|                                                                                                     |                                                                 |                |   | Hole Number    | TP120       |
| Site Name                                                                                           | Pyramid Park, Bury                                              |                |   | Sample Number  |             |
| Specimen Reference                                                                                  | 3                                                               | Specimen Depth | m | Depth (m)      | 0.60 - 0.90 |
| Specimen Description                                                                                | Dark brown slightly sandy slightly gravelly CLAY.               |                |   | Sample Type    | B           |
| Test Method                                                                                         | BS1377:Part 4:1990:clause 5.5                                   |                |   | Date started   | 06/02/2024  |

Sample preparation

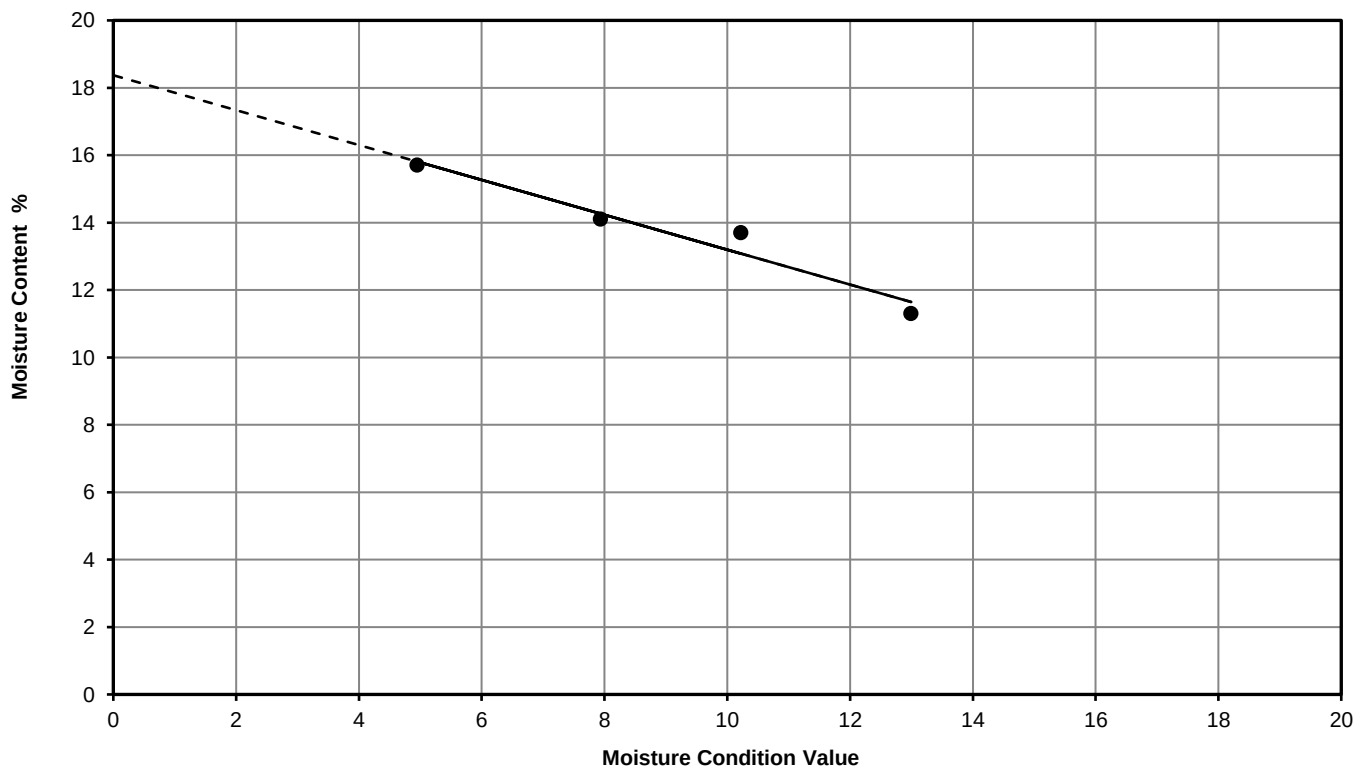
|                                                    |      |   |
|----------------------------------------------------|------|---|
| Amount of material larger than 20mm sieve removed  | 0.89 | % |
| Natural Moisture Content of sample                 | 11.3 | % |
| Initial Moisture Content of test sample below 20mm | 11.3 | % |
| Composite of fresh and reused material tested      |      |   |

General remarks

Table of results

|                              |                     |                   |                   |                    |  |
|------------------------------|---------------------|-------------------|-------------------|--------------------|--|
| MCV Test Number              | 1                   | 2                 | 3                 | 4                  |  |
| Moisture Content, %          | 11.3                | 14.1              | 15.7              | 13.7               |  |
| Moisture Condition Value     | 13.0                | 7.9               | 4.9               | 10.2               |  |
| MCV report                   | 13.0                | 7.9               | 4.9               | 10.2               |  |
| Effective / Valid data point | YES                 | YES               | YES               | YES                |  |
| Specimen remarks             | Hand Vane = >140kPa | Hand Vane = 73kPa | Hand Vane = 39kPa | Hand Vane = 131kPa |  |

• valid points
 × invalid points
 - - - - extended regression
 — linear regression



|                                                                                              |                                                          |                |   |                |             |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------|----------------|---|----------------|-------------|
|  GEOTECHNICS | Moisture Condition Value / Moisture Content Relationship |                |   | Project Number | PN234595    |
|                                                                                              |                                                          |                |   | Hole Number    | TP123       |
| Site Name                                                                                    | Pyramid Park, Bury                                       |                |   | Sample Number  |             |
| Specimen Reference                                                                           | 3                                                        | Specimen Depth | m | Depth (m)      | 0.90 - 1.00 |
| Specimen Description                                                                         | Brown gravelly SAND.                                     |                |   | Sample Type    | B           |
| Test Method                                                                                  | BS1377:Part 4:1990:clause 5.5                            |                |   | Date started   | 05/02/2024  |

Sample preparation

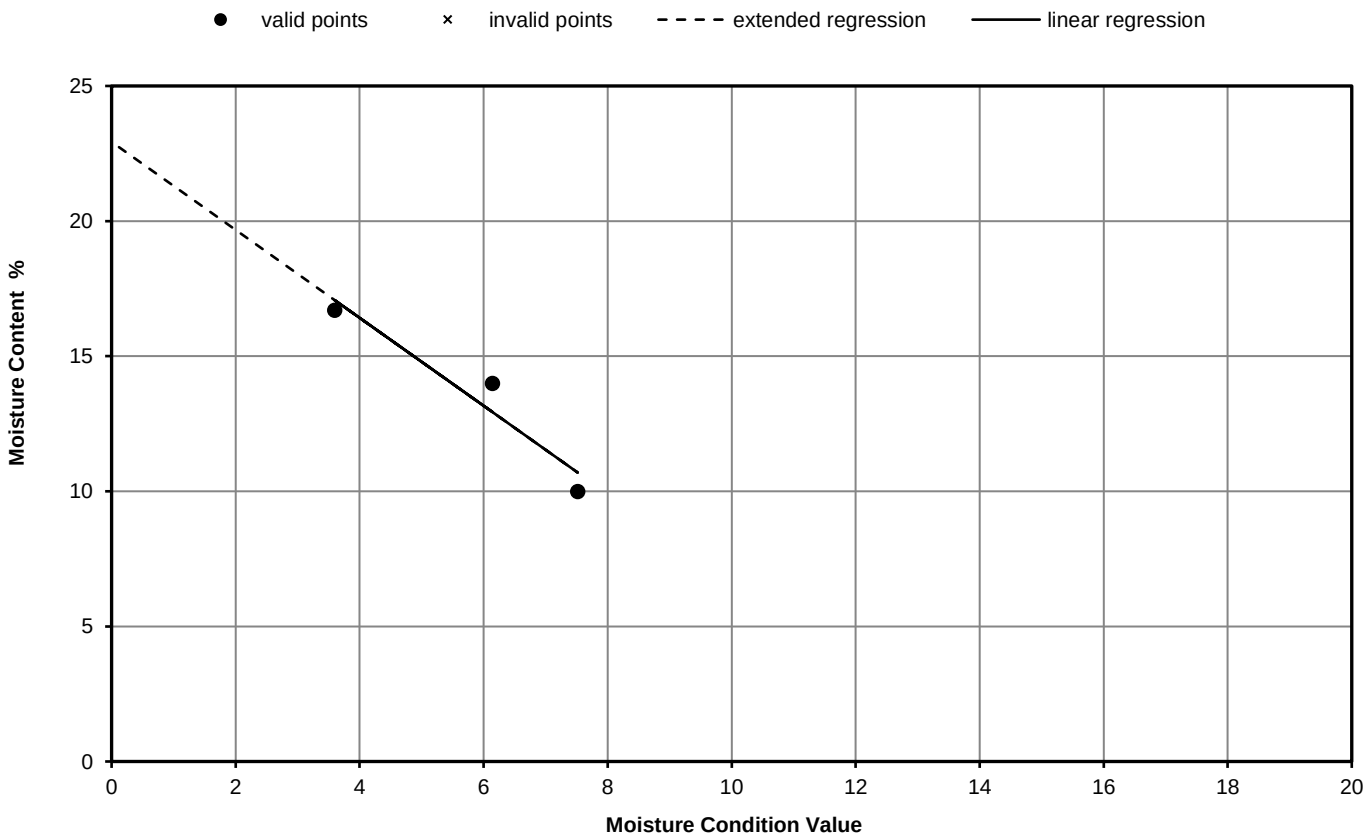
|                                                    |       |   |
|----------------------------------------------------|-------|---|
| Amount of material larger than 20mm sieve removed  | 10.12 | % |
| Natural Moisture Content of sample                 | 14.3  | % |
| Initial Moisture Content of test sample below 20mm | 14.3  | % |
| Composite of fresh and reused material tested      |       |   |

General remarks

Sample isn't suitable for multipoint method and best fit from the data has been presented.

Table of results

|                              |                        |                        |                        |    |  |
|------------------------------|------------------------|------------------------|------------------------|----|--|
| MCV Test Number              | 1                      | 2                      | 3                      |    |  |
| Moisture Content, %          | 14.0                   | 16.7                   | 10.0                   |    |  |
| Moisture Condition Value     | 6.1                    | 3.6                    | 7.5                    |    |  |
| MCV report                   | 6.1                    | 3.6                    | 7.5                    |    |  |
| Effective / Valid data point | YES                    | YES                    | YES                    | NO |  |
| Specimen remarks             | Hand Vane - Unsuitable | Hand Vane - Unsuitable | Hand Vane - Unsuitable |    |  |



**GEOTECHNICS****California Bearing Ratio (CBR)**

|                 |             |
|-----------------|-------------|
| Project Number  | PN234595    |
| Hole Number     | BH104       |
| Sample Number   |             |
| Depth (m)       | 0.50 - 1.20 |
| Sample Type     | B           |
| CBR Test Number | 1           |

Project Name

Pyramid Park, Bury

Specimen Reference

2

Specimen  
Depth

m

Specimen Description

MADE GROUND: Brown slightly sandy gravelly  
clay.

Test Method

BS1377 : Part 4 : 1990, clause 7

**Specimen Preparation**

Condition

REMOULDED

Details

Recompacted with specified standard effort using 2.5kg  
rammer

\* Soaking details

Not soaked

Period of soaking

days

Time to surface

days

Amount of swell recorded

mm

Dry density after soaking

1.86

Mg/m<sup>3</sup>

Material retained on 20mm sieve removed

15 %

Initial Specimen details

Bulk density

2.16 Mg/m<sup>3</sup>

Dry density

1.86 Mg/m<sup>3</sup>

Moisture content

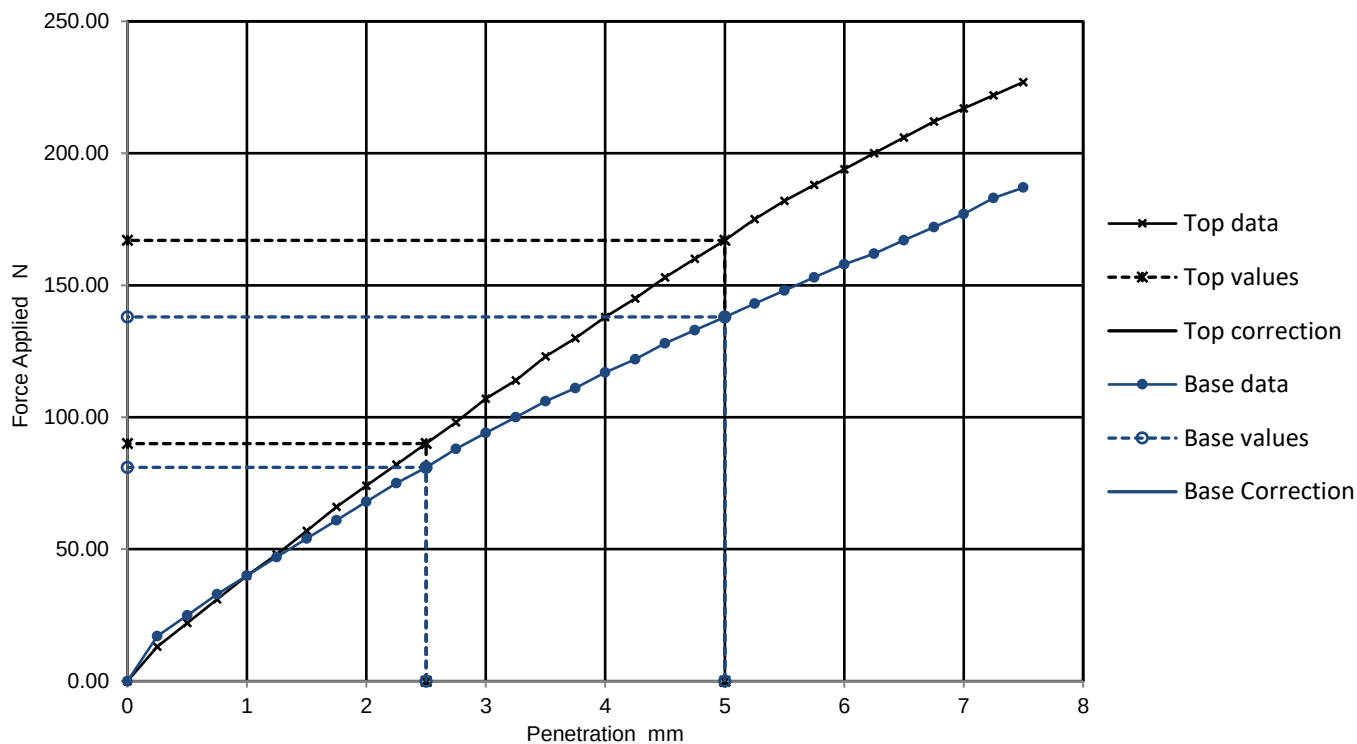
%

Surcharge applied

12.3 kg

Equivalent Overburden

7 kPa

**Force v Penetration Plots**

Results

TOP  
BASE

| Curve<br>correction<br>applied | CBR Values, % |     |         |          |
|--------------------------------|---------------|-----|---------|----------|
|                                | 2.5mm         | 5mm | Highest | #Average |
| No                             | 0.7           | 0.8 | 0.8     | 0.8      |
| No                             | 0.6           | 0.7 | 0.7     |          |

| Moisture<br>Content<br>% |
|--------------------------|
| 16.1                     |
| 16.1                     |

| Remarks                                                                                            | Test Specific Remarks | Printed    |  |
|----------------------------------------------------------------------------------------------------|-----------------------|------------|---------------------------------------------------------------------------------------|
|                                                                                                    |                       | 14/02/2024 |                                                                                       |
| *Soaking (if applicable) not UKAS accredited. #Average value reported if Top & Base are $\pm 10\%$ |                       |            |                                                                                       |

1365

**GEOTECHNICS****California Bearing Ratio (CBR)**

|                 |             |
|-----------------|-------------|
| Project Number  | PN234595    |
| Hole Number     | BH105       |
| Sample Number   |             |
| Depth (m)       | 0.50 - 1.20 |
| Sample Type     | B           |
| CBR Test Number | 1           |

Project Name

Pyramid Park, Bury

Specimen Reference

3

Specimen  
Depth

m

Specimen Description

MADE GROUND: Dark brown slightly sandy slightly  
gravelly clay.

Test Method

BS1377 : Part 4 : 1990, clause 7

**Specimen Preparation**

Condition

REMOULDED

Details

Recompacted with specified standard effort using 2.5kg  
rammer

\* Soaking details

Not soaked

Period of soaking

days

Time to surface

days

Amount of swell recorded

mm

Dry density after soaking

1.42 Mg/m3

Material retained on 20mm sieve removed

13 %

Initial Specimen details

Bulk density

1.84 Mg/m3

Dry density

1.42 Mg/m3

Moisture content

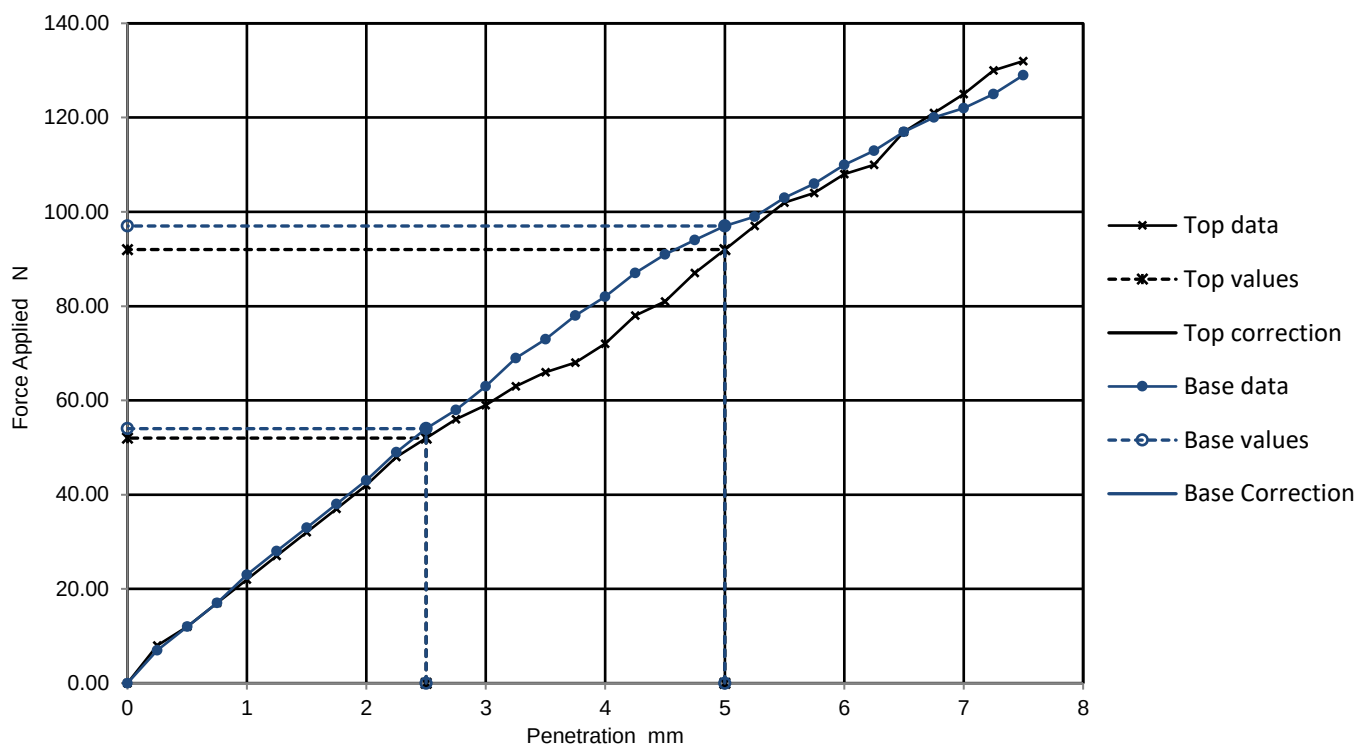
%

Surcharge applied

12.3 kg

Equivalent Overburden

7 kPa

**Force v Penetration Plots**

Results

TOP  
BASE

| Curve<br>correction<br>applied | CBR Values, % |     |         |          |
|--------------------------------|---------------|-----|---------|----------|
|                                | 2.5mm         | 5mm | Highest | #Average |
| No                             | 0.4           | 0.5 | 0.5     | 0.5      |
| No                             | 0.4           | 0.5 | 0.5     |          |

| Moisture<br>Content<br>% |
|--------------------------|
| 29.5                     |
| 29.5                     |

| Remarks | Test Specific Remarks | Printed    |  |
|---------|-----------------------|------------|---------------------------------------------------------------------------------------|
|         |                       | 14/02/2024 |                                                                                       |

\*Soaking (if applicable) not UKAS accredited. #Average value reported if Top & Base are  $\pm 10\%$ 

1365



GEOTECHNICS

## California Bearing Ratio (CBR)

Project Number

PN234595

Hole Number

TP104

Project Name

Pyramid Park, Bury

Sample Number

Specimen Reference

3

Specimen  
Depth

m

Depth (m)

0.50 - 0.80

Specimen Description

MADE GROUND: Brown slightly sandy gravelly  
clay.

Sample Type

B

Test Method

BS1377 : Part 4 : 1990, clause 7

CBR Test Number

1

## Specimen Preparation

Condition

REMOULDED

Details

Recompacted with specified standard effort using 2.5kg  
rammer

\* Soaking details

Not soaked

Period of soaking

days

Time to surface

days

Amount of swell recorded

mm

Dry density after soaking

1.38

Mg/m3

Material retained on 20mm sieve removed

29 %

Initial Specimen details

Bulk density

1.82

Mg/m3

Dry density

1.38

Mg/m3

Moisture content

%

Surcharge applied

12.3

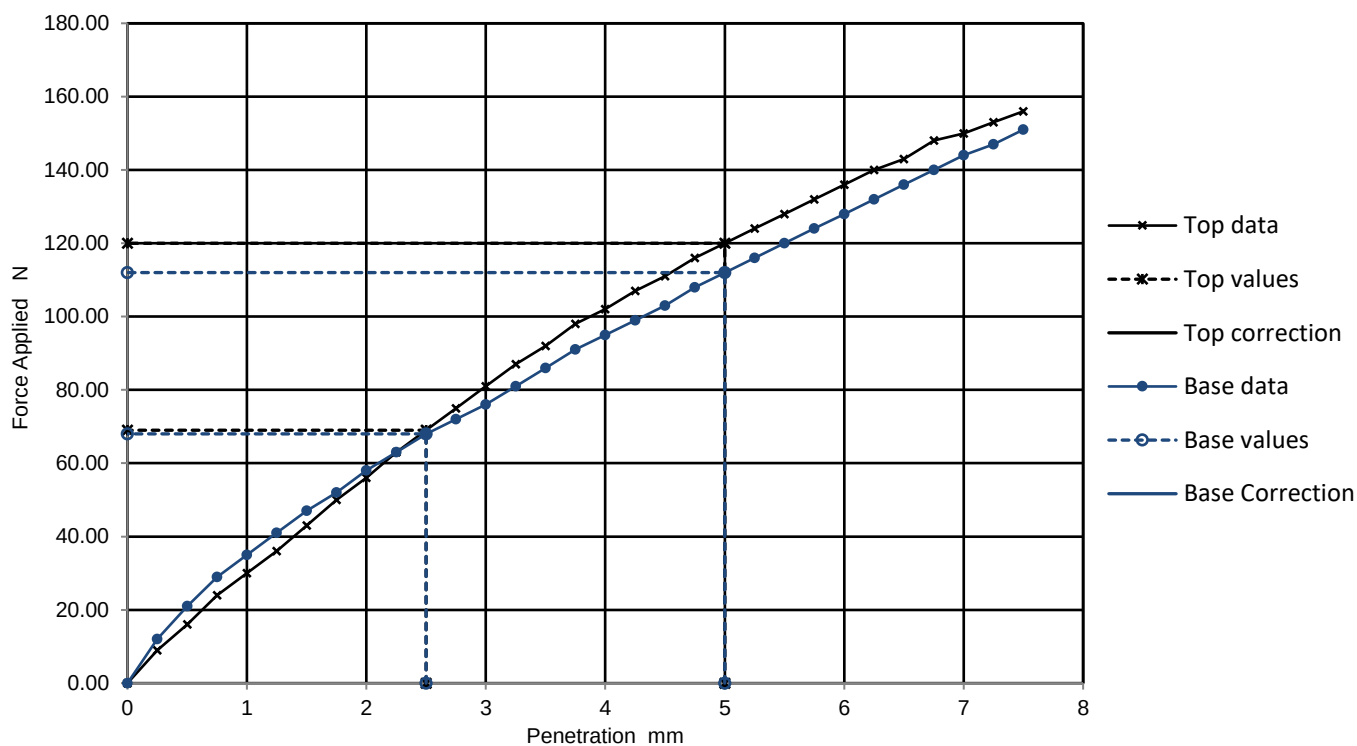
kg

Equivalent Overburden

7

kPa

Force v Penetration Plots



Results

TOP  
BASE

| Curve<br>correction<br>applied | CBR Values, % |     |         |          |
|--------------------------------|---------------|-----|---------|----------|
|                                | 2.5mm         | 5mm | Highest | #Average |
| No                             | 0.5           | 0.6 | 0.6     | 0.6      |
| No                             | 0.5           | 0.6 | 0.6     |          |

| Moisture<br>Content<br>% |
|--------------------------|
| 31.9                     |
| 32.1                     |

Remarks

Test Specific Remarks

Printed

14/02/2024



1365

\*Soaking (if applicable) not UKAS accredited. #Average value reported if Top & Base are  $\pm 10\%$

**GEOTECHNICS****California Bearing Ratio (CBR)**

Project Number

PN234595

Hole Number

TP109

Project Name

Pyramid Park, Bury

Sample Number

Specimen Reference

3

Specimen  
Depth

m

Depth (m)

0.50 - 0.80

Specimen Description

MADE GROUND: Dark brown slightly sandy  
gravelly clay.

Sample Type

B

Test Method

BS1377 : Part 4 : 1990, clause 7

CBR Test Number

1

**Specimen Preparation**

Condition

REMOULDED

Details

Recompacted with specified standard effort using 2.5kg  
rammer

\* Soaking details

Not soaked

Period of soaking

days

Time to surface

days

Amount of swell recorded

mm

Dry density after soaking

1.60

Mg/m3

Material retained on 20mm sieve removed

46 %

Initial Specimen details

Bulk density

1.94 Mg/m3

Dry density

1.60 Mg/m3

Moisture content

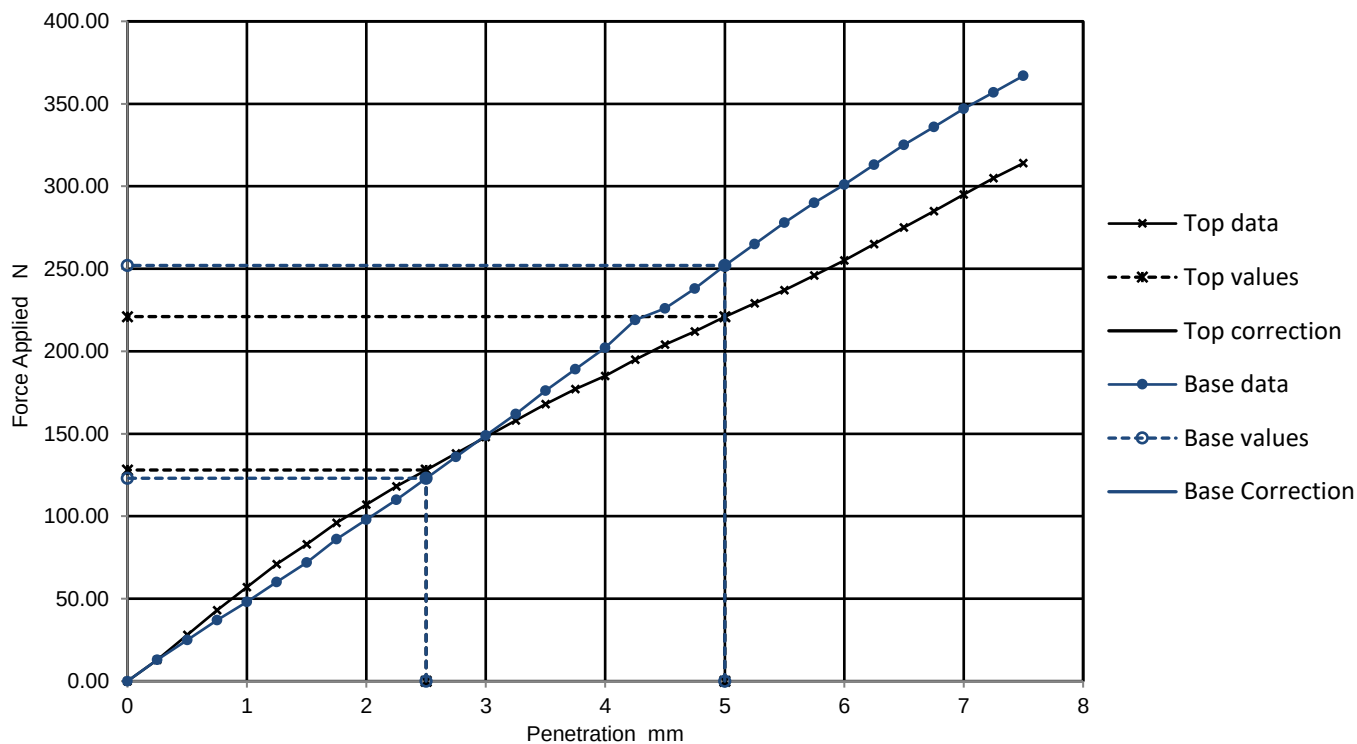
%

Surcharge applied

12.3 kg

Equivalent Overburden

7 kPa

**Force v Penetration Plots**

Results

TOP  
BASE

| Curve<br>correction<br>applied | CBR Values, % |     |         |          |
|--------------------------------|---------------|-----|---------|----------|
|                                | 2.5mm         | 5mm | Highest | #Average |
| No                             | 1.0           | 1.1 | 1.1     | 1.2      |
| No                             | 0.9           | 1.3 | 1.3     |          |

| Moisture<br>Content<br>% |
|--------------------------|
| 21.6                     |
| 21.2                     |

Remarks

Test Specific Remarks

Printed

14/02/2024



1365

\*Soaking (if applicable) not UKAS accredited. #Average value reported if Top & Base are  $\pm 10\%$

**GEOTECHNICS****California Bearing Ratio (CBR)**

|                 |             |
|-----------------|-------------|
| Project Number  | PN234595    |
| Hole Number     | TP110       |
| Sample Number   |             |
| Depth (m)       | 0.70 - 0.90 |
| Sample Type     | B           |
| CBR Test Number | 1           |

Project Name

Pyramid Park, Bury

Specimen Reference

3

Specimen  
Depth

m

Specimen Description

Brown slightly sandy slightly gravelly CLAY.

Test Method

BS1377 : Part 4 : 1990, clause 7

**Specimen Preparation**

Condition

REMOULDED

Details

Recompacted with specified standard effort using 2.5kg  
rammer

\* Soaking details

Not soaked

Period of soaking

days

Time to surface

days

Amount of swell recorded

mm

Dry density after soaking

1.96

Mg/m3

Material retained on 20mm sieve removed

24

%

Initial Specimen details

Bulk density

2.22

Mg/m3

Dry density

1.96

Mg/m3

Moisture content

%

Surcharge applied

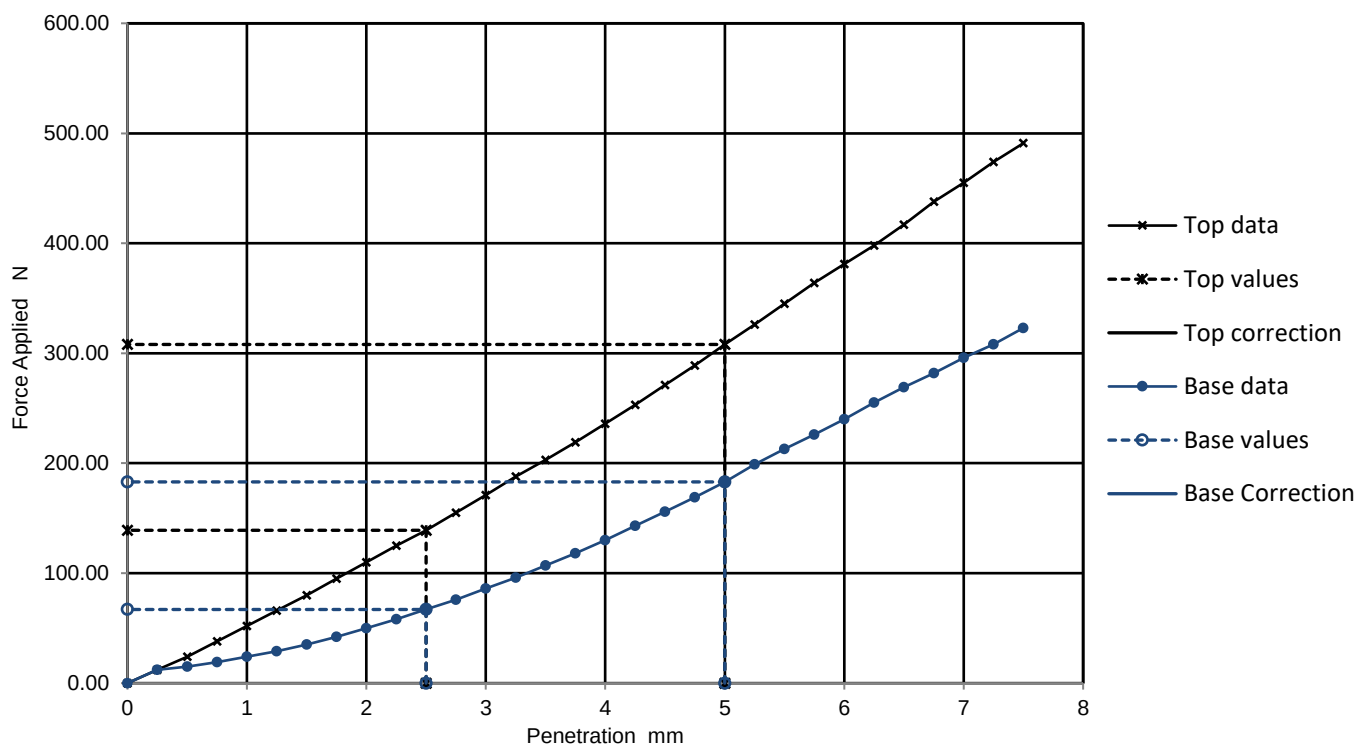
12.3

kg

Equivalent Overburden

7

kPa

**Force v Penetration Plots**

Results

TOP  
BASE

| Curve<br>correction<br>applied | CBR Values, % |     |         |          |
|--------------------------------|---------------|-----|---------|----------|
|                                | 2.5mm         | 5mm | Highest | #Average |
| No                             | 1.1           | 1.5 | 1.5     |          |
| No                             | 0.5           | 0.9 | 0.9     |          |

|                          |
|--------------------------|
| Moisture<br>Content<br>% |
| 13.4                     |
| 13.4                     |

| Remarks                                                                                       | Test Specific Remarks | Printed    | <br>1365 |
|-----------------------------------------------------------------------------------------------|-----------------------|------------|-----------------------------------------------------------------------------------------------|
|                                                                                               |                       | 14/02/2024 |                                                                                               |
| *Soaking (if applicable) not UKAS accredited. #Average value reported if Top & Base are ± 10% |                       |            |                                                                                               |

# Document Transmittal Sheet

|                  |            |
|------------------|------------|
| Despatch Date    | 02/02/2024 |
| Issue Number     | 2          |
| Issuer Name      | M Athorne  |
| Issuer Signatory | M. Athorne |

M. A. A.

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

|                          |            |
|--------------------------|------------|
| Date of Sample Receipt:  | 15/01/2024 |
| Start Date of Test:      | 15/01/2024 |
| Date of Issue of report: | 02/02/2024 |

**Project No:**  
J259856

Tests in the following list marked \* are not UKAS accredited

| ITEM                                  | Sheet Nos      | Comments |
|---------------------------------------|----------------|----------|
| Document Transmittal sheet / Contents | page(s) 1 to 1 |          |

[illegible]

The Testing Lab PLC. All rights reserved

## Summary of Classification Test Results

Project No.

J259856

|              |
|--------------|
| Project Name |
|--------------|

Pyramid Park, Bury

[illegible]

All tests performed in accordance with BS1377:1990 unless specified otherwise

Date Printed

02/02/2024

### Key

### Density test

Linear measurement unless :

wd - water displacement

wi - immersion in water

Liquid Limit

4pt cone unless :

cas - Casagrande method

1pt - single point test

Particle density

sp - small pyknometer

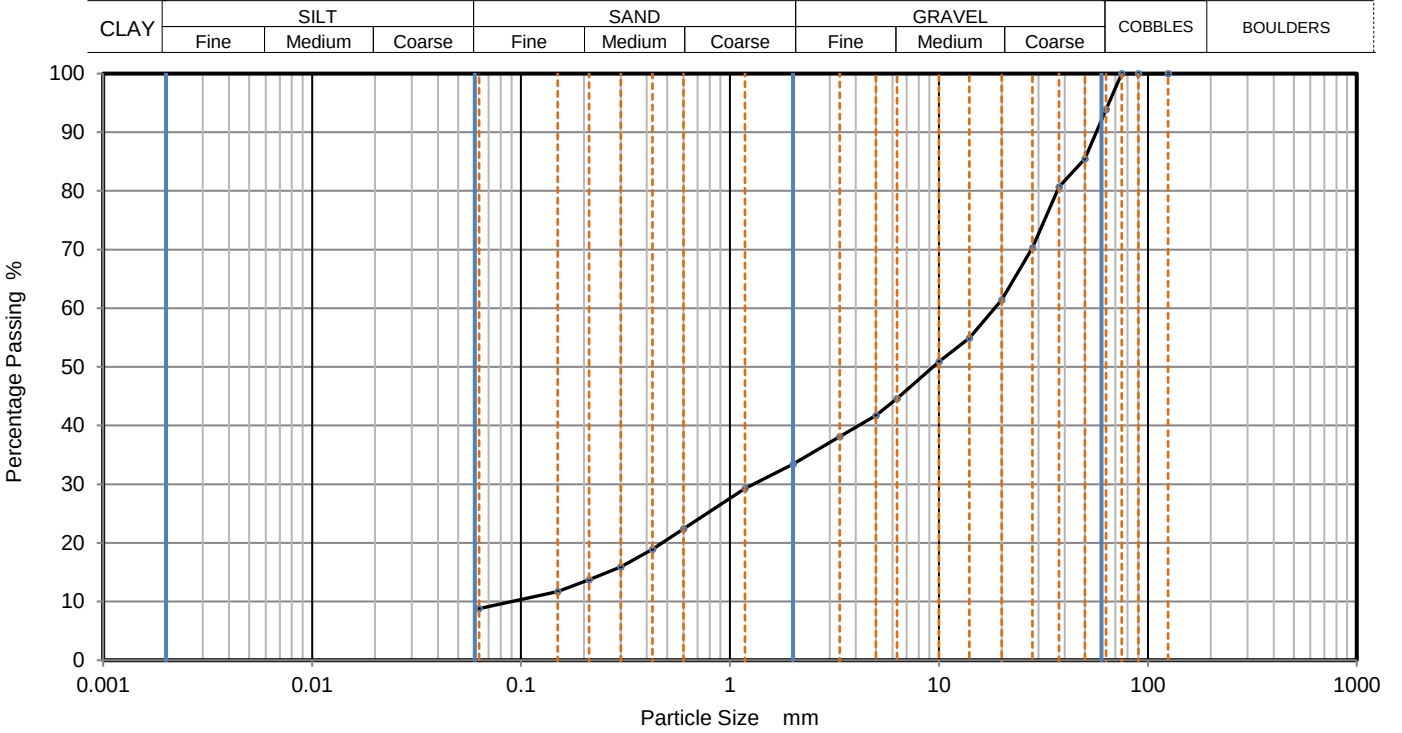
gj - gas jar



7758

## INDEX

|                                 |                                                                          |                |   |                  |               |
|---------------------------------|--------------------------------------------------------------------------|----------------|---|------------------|---------------|
| GQF-008-55<br>Issue 01 - Oct 22 | PARTICLE SIZE DISTRIBUTION                                               |                |   | Job Ref          | J259856       |
|                                 |                                                                          |                |   | Borehole/Pit No. | TP121         |
| Project Name                    | Pyramid Park, Bury                                                       |                |   | Sample No.       |               |
| Soil Description                | MADE GROUND: Grey very sandy clayey gravel with a medium cobble content. |                |   | Depth, m         | 3.80          |
| Specimen Reference              |                                                                          | Specimen Depth | m | Sample Type      | B             |
| Test Method                     | BS1377:Part 2:1990, clause 9.2                                           |                |   | KeyLAB ID        | TTLP202401229 |



| Sieving          |           | Sedimentation    |           |
|------------------|-----------|------------------|-----------|
| Particle Size mm | % Passing | Particle Size mm | % Passing |
| 125              | 100       |                  |           |
| 90               | 100       |                  |           |
| 75               | 100       |                  |           |
| 63               | 94        |                  |           |
| 50               | 86        |                  |           |
| 37.5             | 81        |                  |           |
| 28               | 70        |                  |           |
| 20               | 61        |                  |           |
| 14               | 55        |                  |           |
| 10               | 51        |                  |           |
| 6.3              | 45        |                  |           |
| 5                | 42        |                  |           |
| 3.35             | 38        |                  |           |
| 2                | 33        |                  |           |
| 1.18             | 29        |                  |           |
| 0.6              | 22        |                  |           |
| 0.425            | 19        |                  |           |
| 0.3              | 16        |                  |           |
| 0.212            | 14        |                  |           |
| 0.15             | 12        |                  |           |
| 0.063            | 9         |                  |           |

Dry Mass of sample, g

11504

| Sample Proportions | % dry mass |
|--------------------|------------|
| Very coarse        | 6          |
| Gravel             | 61         |
| Sand               | 25         |
|                    |            |
| Fines <0.063mm     | 9          |

| Grading Analysis       |     |
|------------------------|-----|
| D <sub>100</sub>       | mm  |
| D <sub>60</sub>        | mm  |
| D <sub>30</sub>        | mm  |
| D <sub>10</sub>        | mm  |
| Uniformity Coefficient | 210 |
| Curvature Coefficient  | 1   |

Remarks

Preparation and testing in accordance with BS1377 unless noted below

Date Printed

02/02/2024



7758



PSD

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                 |                |   |                   |                |             |  |            |     |              |                            |                                    |     |                                    |     |                            |                        |                     |                        |                          |     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------|---|-------------------|----------------|-------------|--|------------|-----|--------------|----------------------------|------------------------------------|-----|------------------------------------|-----|----------------------------|------------------------|---------------------|------------------------|--------------------------|-----|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Dry Density / Moisture Content Relationship<br>Light Compaction |                |   | Job Ref           | J259856        |             |  |            |     |              |                            |                                    |     |                                    |     |                            |                        |                     |                        |                          |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                 |                |   | Borehole / Pit No | BH107          |             |  |            |     |              |                            |                                    |     |                                    |     |                            |                        |                     |                        |                          |     |
| Project Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Pyramid Park, Bury                                              |                |   | Sample No         |                |             |  |            |     |              |                            |                                    |     |                                    |     |                            |                        |                     |                        |                          |     |
| Soil Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MADE GROUND: Reddish brown<br>gravelly slightly clayey sand.    |                |   | Depth             | 0.30 m         |             |  |            |     |              |                            |                                    |     |                                    |     |                            |                        |                     |                        |                          |     |
| Specimen Ref.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                 | Specimen Depth | m | Sample Type       | B              |             |  |            |     |              |                            |                                    |     |                                    |     |                            |                        |                     |                        |                          |     |
| Test Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | BS1377:Part 4:1990, clause 3.4, 2.5kg rammer                    |                |   | Keylab ID         | TTLP2024012410 |             |  |            |     |              |                            |                                    |     |                                    |     |                            |                        |                     |                        |                          |     |
| <div><div><div>Dry Density, Mg/m<sup>3</sup></div><div><div><div>2.10</div><div>2.00</div><div>1.90</div><div>1.80</div><div>1.70</div><div>1.60</div><div>1.50</div></div><div><div>0</div><div>4</div><div>8</div><div>12</div><div>16</div><div>20</div><div>24</div><div>28</div><div>32</div></div></div><div><div>Moisture Content, %</div><div><div>0 % Air Voids</div><div>5 % Air Voids</div><div>10 % Air Voids</div></div></div></div><table><tr><td>Preparation</td><td></td></tr><tr><td>Mould Type</td><td>CBR</td></tr><tr><td>Samples Used</td><td>Composite specimens tested</td></tr><tr><td>Material Retained on 37.5 mm Sieve</td><td>%10</td></tr><tr><td>Material Retained on 20.0 mm Sieve</td><td>%12</td></tr><tr><td>Particle Density - Assumed</td><td>Mg/m<sup>3</sup>2.70</td></tr><tr><td>Maximum Dry Density</td><td>Mg/m<sup>3</sup>1.92</td></tr><tr><td>Optimum Moisture Content</td><td>%12</td></tr></table></div> <div><div><div></div><div><div>7758</div></div></div><div>Remarks</div><div><div>Date Printed</div><div>02/02/2024</div><div></div></div><div>COMPL</div></div> |                                                                 |                |   |                   |                | Preparation |  | Mould Type | CBR | Samples Used | Composite specimens tested | Material Retained on 37.5 mm Sieve | %10 | Material Retained on 20.0 mm Sieve | %12 | Particle Density - Assumed | Mg/m <sup>3</sup> 2.70 | Maximum Dry Density | Mg/m <sup>3</sup> 1.92 | Optimum Moisture Content | %12 |
| Preparation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                 |                |   |                   |                |             |  |            |     |              |                            |                                    |     |                                    |     |                            |                        |                     |                        |                          |     |
| Mould Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CBR                                                             |                |   |                   |                |             |  |            |     |              |                            |                                    |     |                                    |     |                            |                        |                     |                        |                          |     |
| Samples Used                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Composite specimens tested                                      |                |   |                   |                |             |  |            |     |              |                            |                                    |     |                                    |     |                            |                        |                     |                        |                          |     |
| Material Retained on 37.5 mm Sieve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | %10                                                             |                |   |                   |                |             |  |            |     |              |                            |                                    |     |                                    |     |                            |                        |                     |                        |                          |     |
| Material Retained on 20.0 mm Sieve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | %12                                                             |                |   |                   |                |             |  |            |     |              |                            |                                    |     |                                    |     |                            |                        |                     |                        |                          |     |
| Particle Density - Assumed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Mg/m <sup>3</sup> 2.70                                          |                |   |                   |                |             |  |            |     |              |                            |                                    |     |                                    |     |                            |                        |                     |                        |                          |     |
| Maximum Dry Density                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Mg/m <sup>3</sup> 1.92                                          |                |   |                   |                |             |  |            |     |              |                            |                                    |     |                                    |     |                            |                        |                     |                        |                          |     |
| Optimum Moisture Content                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | %12                                                             |                |   |                   |                |             |  |            |     |              |                            |                                    |     |                                    |     |                            |                        |                     |                        |                          |     |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                   |                            |            |                   |               |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------|------------|-------------------|---------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Dry Density / Moisture Content Relationship<br>Light Compaction                   |                            |            | Job Ref           | J259856       |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                   |                            |            | Borehole / Pit No | TP107         |
| Project Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Pyramid Park, Bury                                                                |                            |            | Sample No         |               |
| Soil Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | MADE GROUND: Brown slightly sandy slightly gravelly clay.                         |                            |            | Depth             | 1.50 m        |
| Specimen Ref.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                   | Specimen Depth             | m          | Sample Type       | B             |
| Test Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | BS1377:Part 4:1990, clause 3.4, 2.5kg rammer                                      |                            |            | Keylab ID         | TTLP202401223 |
| <div><div><div>Dry Density, Mg/m<sup>3</sup></div><div><div><div>2.10</div><div>2.00</div><div>1.90</div><div>1.80</div><div>1.70</div><div>1.60</div><div>1.50</div></div><div>048121620242832</div></div><div><div>Moisture Content, %</div><div><div>0 % Air Voids</div><div>5 % Air Voids</div><div>10 % Air Voids</div></div></div><div><div><div><div>13.5</div><div>16</div><div>18</div><div>21.5</div><div>25</div></div><div><div>1.60</div><div>1.63</div><div>1.66</div><div>1.59</div><div>1.51</div></div></div></div></div></div> |                                                                                   |                            |            |                   |               |
| Preparation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                   |                            |            |                   |               |
| Mould Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                   | CBR                        |            |                   |               |
| Samples Used                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                   | Composite specimens tested |            |                   |               |
| Material Retained on 37.5 mm Sieve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                   | %                          | 7          |                   |               |
| Material Retained on 20.0 mm Sieve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                   | %                          | 6          |                   |               |
| Particle Density - Assumed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                   | Mg/m <sup>3</sup>          | 2.65       |                   |               |
| Maximum Dry Density                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                   | Mg/m <sup>3</sup>          | 1.66       |                   |               |
| Optimum Moisture Content                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                   | %                          | 18         |                   |               |
| <div><div><div>TTL</div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <div><div><div><div>UKAS</div><div>TESTING</div></div><div>7758</div></div></div> | Remarks                    |            |                   | COMPL         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                   | Date Printed               | 02/02/2024 |                   |               |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                   |                            |            |                   |                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------|------------|-------------------|----------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Dry Density / Moisture Content Relationship<br>Light Compaction                   |                            |            | Job Ref           | J259856        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                   |                            |            | Borehole / Pit No | TP108          |
| Project Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Pyramid Park, Bury                                                                |                            |            | Sample No         |                |
| Soil Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | MADE GROUND: Brown gravelly clayey sand with pockets of clay.                     |                            |            | Depth             | 0.20 m         |
| Specimen Ref.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                   | Specimen Depth             | m          | Sample Type       | B              |
| Test Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | BS1377:Part 4:1990, clause 3.4, 2.5kg rammer                                      |                            |            | Keylab ID         | TTLP2024012411 |
| <div><div><div>Dry Density, Mg/m<sup>3</sup></div><div><div><div>2.10</div><div>2.00</div><div>1.90</div><div>1.80</div><div>1.70</div><div>1.60</div><div>1.50</div></div><div>048121620242832</div></div><div><div>Moisture Content, %</div><div><div>0 % Air Voids</div><div>5 % Air Voids</div><div>10 % Air Voids</div></div></div><div><div><div><div>12</div><div>16</div><div>20</div></div><div><div>1.61</div><div>1.64</div><div>1.67</div><div>1.64</div><div>1.60</div></div></div></div></div></div> |                                                                                   |                            |            |                   |                |
| Preparation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                   |                            |            |                   |                |
| Mould Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                   | CBR                        |            |                   |                |
| Samples Used                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                   | Composite specimens tested |            |                   |                |
| Material Retained on 37.5 mm Sieve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                   | %                          | 5          |                   |                |
| Material Retained on 20.0 mm Sieve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                   | %                          | 9          |                   |                |
| Particle Density - Assumed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                   | Mg/m <sup>3</sup>          | 2.50       |                   |                |
| Maximum Dry Density                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                   | Mg/m <sup>3</sup>          | 1.67       |                   |                |
| Optimum Moisture Content                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                   | %                          | 16         |                   |                |
| <div><div><div>TTL</div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <div><div><div><div>UKAS</div><div>TESTING</div><div>7758</div></div></div></div> | Remarks                    |            |                   | COMPL          |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                   | Date Printed               | 02/02/2024 |                   |                |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                 |                |   |                   |               |             |  |            |     |              |                            |                                    |    |                                    |    |                            |                        |                     |                        |                          |     |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------|---|-------------------|---------------|-------------|--|------------|-----|--------------|----------------------------|------------------------------------|----|------------------------------------|----|----------------------------|------------------------|---------------------|------------------------|--------------------------|-----|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Dry Density / Moisture Content Relationship<br>Light Compaction |                |   | Job Ref           | J259856       |             |  |            |     |              |                            |                                    |    |                                    |    |                            |                        |                     |                        |                          |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                 |                |   | Borehole / Pit No | TP121         |             |  |            |     |              |                            |                                    |    |                                    |    |                            |                        |                     |                        |                          |     |
| Project Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Pyramid Park, Bury                                              |                |   | Sample No         |               |             |  |            |     |              |                            |                                    |    |                                    |    |                            |                        |                     |                        |                          |     |
| Soil Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | MADE GROUND: Brown slightly sandy slightly gravelly clay.       |                |   | Depth             | 1.00 m        |             |  |            |     |              |                            |                                    |    |                                    |    |                            |                        |                     |                        |                          |     |
| Specimen Ref.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                 | Specimen Depth | m | Sample Type       | B             |             |  |            |     |              |                            |                                    |    |                                    |    |                            |                        |                     |                        |                          |     |
| Test Method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | BS1377:Part 4:1990, clause 3.4, 2.5kg rammer                    |                |   | Keylab ID         | TTLP202401226 |             |  |            |     |              |                            |                                    |    |                                    |    |                            |                        |                     |                        |                          |     |
| <div><div><div>Dry Density, Mg/m<sup>3</sup></div><div><div><div>2.10</div><div>2.00</div><div>1.90</div><div>1.80</div><div>1.70</div><div>1.60</div><div>1.50</div></div><div>048121620242832</div></div><div><div>Moisture Content, %</div><div><div>0 % Air Voids</div><div>5 % Air Voids</div><div>10 % Air Voids</div></div></div><div><table><tr><td>Preparation</td><td></td></tr><tr><td>Mould Type</td><td>CBR</td></tr><tr><td>Samples Used</td><td>Composite specimens tested</td></tr><tr><td>Material Retained on 37.5 mm Sieve</td><td>%5</td></tr><tr><td>Material Retained on 20.0 mm Sieve</td><td>%5</td></tr><tr><td>Particle Density - Assumed</td><td>Mg/m<sup>3</sup>2.65</td></tr><tr><td>Maximum Dry Density</td><td>Mg/m<sup>3</sup>1.78</td></tr><tr><td>Optimum Moisture Content</td><td>%16</td></tr></table></div></div></div> |                                                                 |                |   |                   |               | Preparation |  | Mould Type | CBR | Samples Used | Composite specimens tested | Material Retained on 37.5 mm Sieve | %5 | Material Retained on 20.0 mm Sieve | %5 | Particle Density - Assumed | Mg/m <sup>3</sup> 2.65 | Maximum Dry Density | Mg/m <sup>3</sup> 1.78 | Optimum Moisture Content | %16 |
| Preparation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                 |                |   |                   |               |             |  |            |     |              |                            |                                    |    |                                    |    |                            |                        |                     |                        |                          |     |
| Mould Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CBR                                                             |                |   |                   |               |             |  |            |     |              |                            |                                    |    |                                    |    |                            |                        |                     |                        |                          |     |
| Samples Used                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Composite specimens tested                                      |                |   |                   |               |             |  |            |     |              |                            |                                    |    |                                    |    |                            |                        |                     |                        |                          |     |
| Material Retained on 37.5 mm Sieve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | %5                                                              |                |   |                   |               |             |  |            |     |              |                            |                                    |    |                                    |    |                            |                        |                     |                        |                          |     |
| Material Retained on 20.0 mm Sieve                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | %5                                                              |                |   |                   |               |             |  |            |     |              |                            |                                    |    |                                    |    |                            |                        |                     |                        |                          |     |
| Particle Density - Assumed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Mg/m <sup>3</sup> 2.65                                          |                |   |                   |               |             |  |            |     |              |                            |                                    |    |                                    |    |                            |                        |                     |                        |                          |     |
| Maximum Dry Density                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Mg/m <sup>3</sup> 1.78                                          |                |   |                   |               |             |  |            |     |              |                            |                                    |    |                                    |    |                            |                        |                     |                        |                          |     |
| Optimum Moisture Content                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | %16                                                             |                |   |                   |               |             |  |            |     |              |                            |                                    |    |                                    |    |                            |                        |                     |                        |                          |     |
| <div><div><div>TTL</div></div><div><div><div>UKAS</div><div>TESTING</div><div>7758</div></div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Remarks                                                         |                |   | COMPL             |               |             |  |            |     |              |                            |                                    |    |                                    |    |                            |                        |                     |                        |                          |     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Date Printed                                                    | 02/02/2024     |   |                   |               |             |  |            |     |              |                            |                                    |    |                                    |    |                            |                        |                     |                        |                          |     |

|                                                                 |        | Summary of Hand Vane Shear Strength Results |      |      |                                                                                       |                                 |                     |  |
|-----------------------------------------------------------------|--------|---------------------------------------------|------|------|---------------------------------------------------------------------------------------|---------------------------------|---------------------|--|
| Project No.<br>J259856                                          |        | Project Name<br>Pyramid Park, Bury          |      |      |                                                                                       |                                 |                     |  |
| Hole No.                                                        | Sample |                                             |      |      | Soil Description                                                                      | Average Hand Vane Result<br>kPa | Moisture Content    |  |
|                                                                 | Ref    | Top                                         | Base | Type |                                                                                       |                                 |                     |  |
| TP107                                                           |        | 0.50                                        | 0.70 | B    | MADE GROUND: Brown slightly<br>gravelly sandy clay with lenses of sand.               | 22                              | 29.5%               |  |
| TP107                                                           |        | 0.50                                        | 0.70 | B    | MADE GROUND: Brown slightly<br>gravelly sandy clay with lenses of sand.               | 32                              | 25.2%               |  |
| TP107                                                           |        | 0.50                                        | 0.70 | B    | MADE GROUND: Brown slightly<br>gravelly sandy clay with lenses of sand.               | 44.6                            | 21.3%               |  |
| TP107                                                           |        | 0.50                                        | 0.70 | B    | MADE GROUND: Brown slightly<br>gravelly sandy clay with lenses of sand.               | 119.3                           | 20.2%               |  |
| TP107                                                           |        | 0.50                                        | 0.70 | B    | MADE GROUND: Brown slightly<br>gravelly sandy clay with lenses of sand.               | 33.3                            | 19.4%               |  |
|                                                                 |        |                                             |      |      |                                                                                       |                                 |                     |  |
| TP121                                                           |        | 0.20                                        | 0.40 | B    | MADE GROUND: Brown slightly<br>sandy slightly gravelly clay.                          | 54.6                            | 19.6%               |  |
| TP121                                                           |        | 0.20                                        | 0.40 | B    | MADE GROUND: Brown slightly<br>sandy slightly gravelly clay.                          | 77.3                            | 17.1%               |  |
| TP121                                                           |        | 0.20                                        | 0.40 | B    | MADE GROUND: Brown slightly<br>sandy slightly gravelly clay.                          | >140                            | 15.0%               |  |
| TP121                                                           |        | 0.20                                        | 0.40 | B    | MADE GROUND: Brown slightly<br>sandy slightly gravelly clay.                          | 25.3                            | 21.2%               |  |
| TP121                                                           |        | 0.20                                        | 0.40 | B    | MADE GROUND: Brown slightly<br>sandy slightly gravelly clay.                          | 92.6                            | 18.1%               |  |
|                                                                 |        |                                             |      |      |                                                                                       |                                 |                     |  |
| TP121                                                           |        | 2.00                                        | 2.30 | B    | MADE GROUND: Grey slightly<br>sandy slightly gravelly clay.                           | 34                              | 27.7%               |  |
| TP121                                                           |        | 2.00                                        | 2.30 | B    | MADE GROUND: Grey slightly<br>sandy slightly gravelly clay.                           | 53.3                            | 25.4%               |  |
| TP121                                                           |        | 2.00                                        | 2.30 | B    | MADE GROUND: Grey slightly<br>sandy slightly gravelly clay.                           | 81.3                            | 24.0%               |  |
| TP121                                                           |        | 2.00                                        | 2.30 | B    | MADE GROUND: Grey slightly<br>sandy slightly gravelly clay.                           | 124.6                           | 21.0%               |  |
| TP121                                                           |        | 2.00                                        | 2.30 | B    | MADE GROUND: Grey slightly<br>sandy slightly gravelly clay.                           | 29                              | 28.6%               |  |
|                                                                 |        |                                             |      |      |                                                                                       |                                 |                     |  |
|                                                                 |        |                                             |      |      |                                                                                       |                                 |                     |  |
|                                                                 |        |                                             |      |      |                                                                                       |                                 |                     |  |
|                                                                 |        |                                             |      |      |                                                                                       |                                 |                     |  |
|                                                                 |        |                                             |      |      |                                                                                       |                                 |                     |  |
|                                                                 |        |                                             |      |      |                                                                                       |                                 |                     |  |
|                                                                 |        |                                             |      |      |                                                                                       |                                 |                     |  |
|                                                                 |        |                                             |      |      |                                                                                       |                                 |                     |  |
|                                                                 |        |                                             |      |      |                                                                                       |                                 |                     |  |
| Notes:                                                          |        |                                             |      |      |                                                                                       |                                 |                     |  |
| Tests carried out in accordance with Manufacturers Instructions |        |                                             |      |      |                                                                                       |                                 |                     |  |
|                                                                 |        |                                             |      |      |  |                                 | HAND<br>VANE<br>SUM |  |

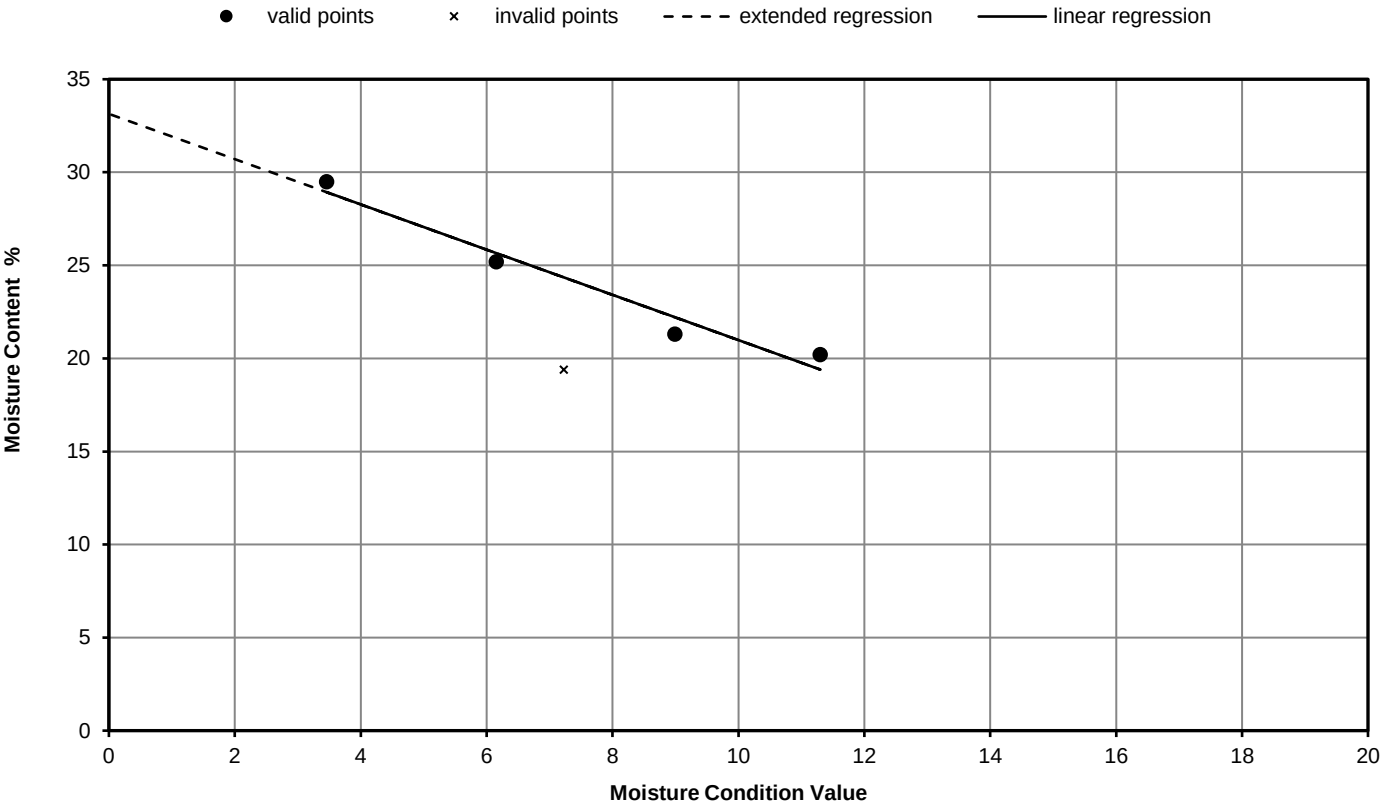
|                                 |                                                                      |                |   |                  |               |
|---------------------------------|----------------------------------------------------------------------|----------------|---|------------------|---------------|
| GQF-008-54<br>Issue 01 - Oct 22 | Moisture Condition Value / Moisture Content Relationship             |                |   | Job Ref          | J259856       |
|                                 |                                                                      |                |   | Borehole/Pit No. | TP107         |
| Project Name                    | Pyramid Park, Bury                                                   |                |   | Sample No.       |               |
| Soil Description                | MADE GROUND: Brown slightly gravelly sandy clay with lenses of sand. |                |   | Depth            | 0.5           |
| Specimen Reference              |                                                                      | Specimen Depth | m | Sample Type      | B             |
| Specimen Description            |                                                                      |                |   | KeyLAB ID        | TTLP202401221 |
| Test Method                     | BS1377:Part4:1990:clause 5.5                                         |                |   | Date started     | 18/01/2024    |

|                    |                                                    |      |   |
|--------------------|----------------------------------------------------|------|---|
| Sample preparation | Amount of material larger than 20mm sieve removed  | 12   | % |
|                    | Natural Moisture Content of sample                 | 30   | % |
|                    | Initial Moisture Content of test sample below 20mm | 31.2 | % |
|                    | Separate specimens tested                          |      |   |

General remarks

Table of results

|                              |                   |                   |                   |                    |                   |
|------------------------------|-------------------|-------------------|-------------------|--------------------|-------------------|
| MCV Test Number              | 1                 | 2                 | 3                 | 4                  | 5                 |
| Moisture Content, %          | 29.5              | 25.2              | 21.3              | 20.2               | 19.4              |
| Moisture Condition Value     | 3.5               | 6.2               | 9.0               | 11.3               | 7.2               |
| MCV report                   | 3.5               | 6.2               | 9                 | 11.3               | 7.2               |
| Effective / Valid data point | YES               | YES               | YES               | YES                | NO                |
| Specimen remarks             | Hand Vane = 22kPa | Hand Vane = 32kPa | Hand Vane = 45kPa | Hand Vane = 119kPa | Hand Vane = 33kPa |



|                                 |                                                           |                |   |                  |               |
|---------------------------------|-----------------------------------------------------------|----------------|---|------------------|---------------|
| GQF-008-54<br>Issue 01 - Oct 22 | Moisture Condition Value / Moisture Content Relationship  |                |   | Job Ref          | J259856       |
|                                 |                                                           |                |   | Borehole/Pit No. | TP121         |
| Project Name                    | Pyramid Park, Bury                                        |                |   | Sample No.       |               |
| Soil Description                | MADE GROUND: Brown slightly sandy slightly gravelly clay. |                |   | Depth            | 0.2           |
| Specimen Reference              |                                                           | Specimen Depth | m | Sample Type      | B             |
| Specimen Description            |                                                           |                |   | KeyLAB ID        | TTLP202401225 |
| Test Method                     | BS1377:Part4:1990:clause 5.5                              |                |   | Date started     | 17/01/2024    |

Sample preparation

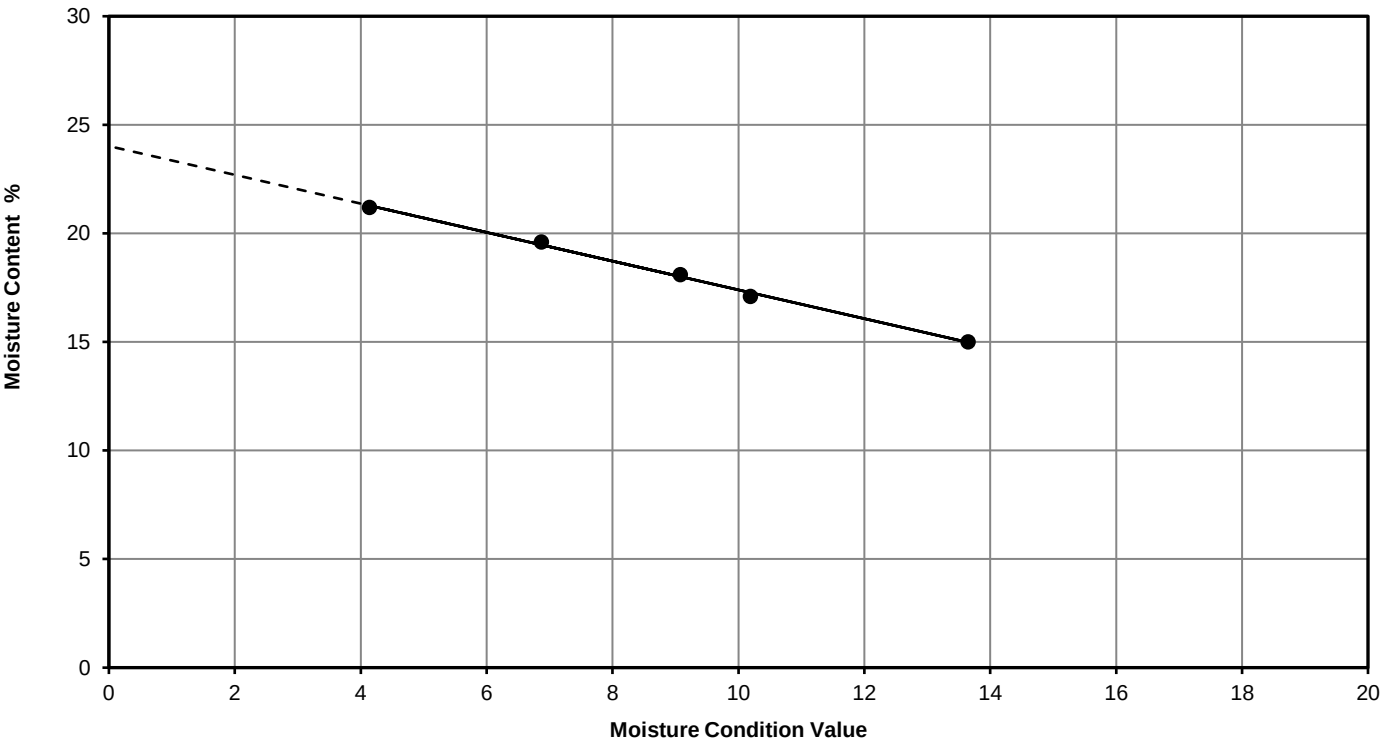
|                                                    |      |   |
|----------------------------------------------------|------|---|
| Amount of material larger than 20mm sieve removed  | 28   | % |
| Natural Moisture Content of sample                 | 20   | % |
| Initial Moisture Content of test sample below 20mm | 19.6 | % |

General remarks

Table of results

|                              |                   |                   |                   |                   |                   |
|------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| MCV Test Number              | 1                 | 2                 | 3                 | 4                 | 5                 |
| Moisture Content, %          | 19.6              | 17.1              | 15.0              | 21.2              | 18.1              |
| Moisture Condition Value     | 6.9               | 10.2              | 13.6              | 4.1               | 9.1               |
| MCV report                   | 6.9               | 10.2              | 13.6              | 4.1               | 9.1               |
| Effective / Valid data point | YES               | YES               | YES               | YES               | YES               |
| Specimen remarks             | Hand Vane = 55kPa | Hand Vane = 77kPa | Hand Vane >140kPa | Hand Vane = 25kPa | Hand Vane = 93kPa |

● valid points    × invalid points    - - - - extended regression    — linear regression



|                                 |                                                          |                |   |                  |               |
|---------------------------------|----------------------------------------------------------|----------------|---|------------------|---------------|
| GQF-008-54<br>Issue 01 - Oct 22 | Moisture Condition Value / Moisture Content Relationship |                |   | Job Ref          | J259856       |
|                                 |                                                          |                |   | Borehole/Pit No. | TP121         |
| Project Name                    | Pyramid Park, Bury                                       |                |   | Sample No.       |               |
| Soil Description                | MADE GROUND: Grey slightly sandy slightly gravelly clay. |                |   | Depth            | 2             |
| Specimen Reference              |                                                          | Specimen Depth | m | Sample Type      | B             |
| Specimen Description            |                                                          |                |   | KeyLAB ID        | TTLP202401228 |
| Test Method                     | BS1377:Part4:1990:clause 5.5                             |                |   | Date started     | 17/01/2024    |

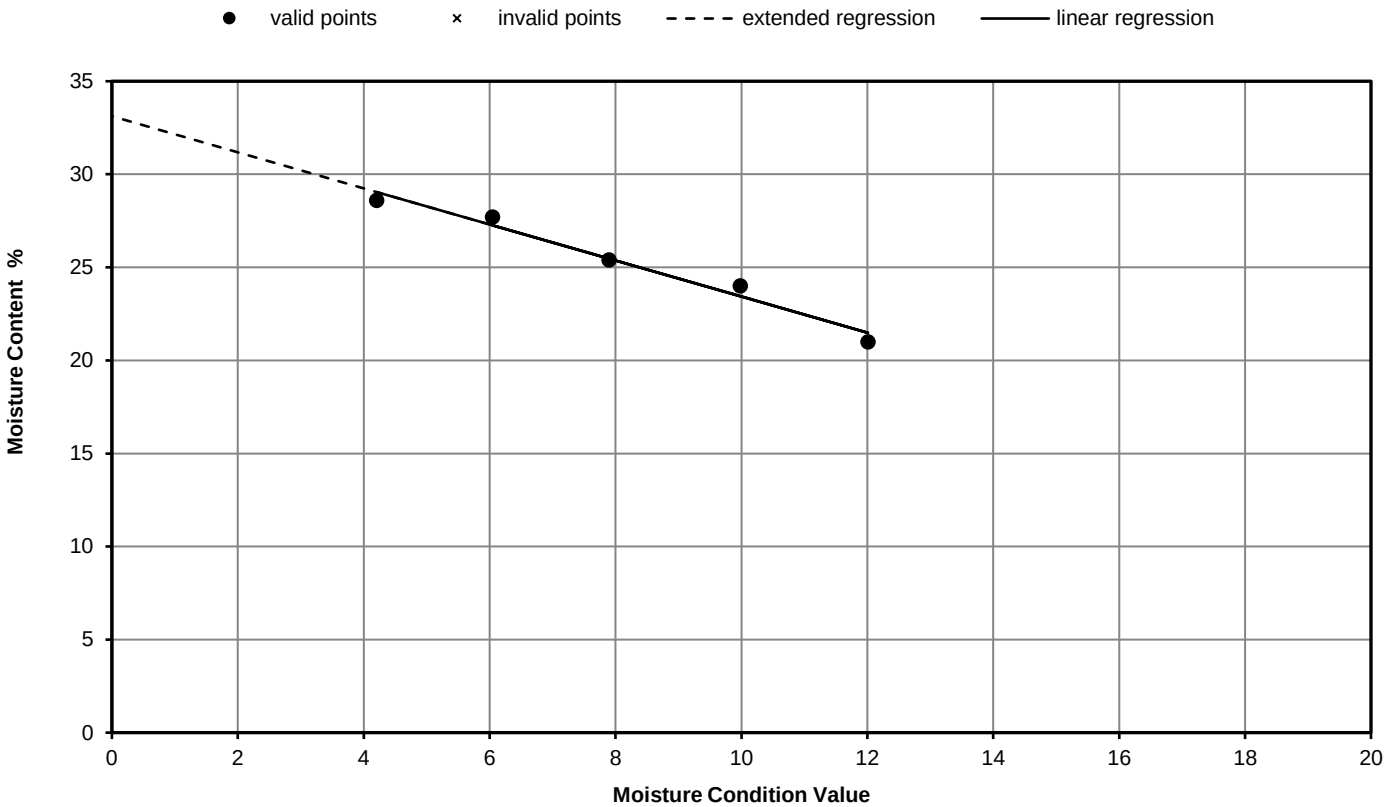
Sample preparation

|                                                    |      |   |
|----------------------------------------------------|------|---|
| Amount of material larger than 20mm sieve removed  | 7    | % |
| Natural Moisture Content of sample                 | 28   | % |
| Initial Moisture Content of test sample below 20mm | 27.7 | % |

General remarks

Table of results

|                              |                   |                   |                   |                    |                   |
|------------------------------|-------------------|-------------------|-------------------|--------------------|-------------------|
| MCV Test Number              | 1                 | 2                 | 3                 | 4                  | 5                 |
| Moisture Content, %          | 27.7              | 25.4              | 24.0              | 21.0               | 28.6              |
| Moisture Condition Value     | 6.0               | 7.9               | 10.0              | 12.0               | 4.2               |
| MCV report                   | 6                 | 7.9               | 10                | 12                 | 4.2               |
| Effective / Valid data point | YES               | YES               | YES               | YES                | YES               |
| Specimen remarks             | Hand Vane = 34kPa | Hand Vane = 53kPa | Hand Vane = 81kPa | Hand Vane = 125kPa | Hand Vane = 29kPa |

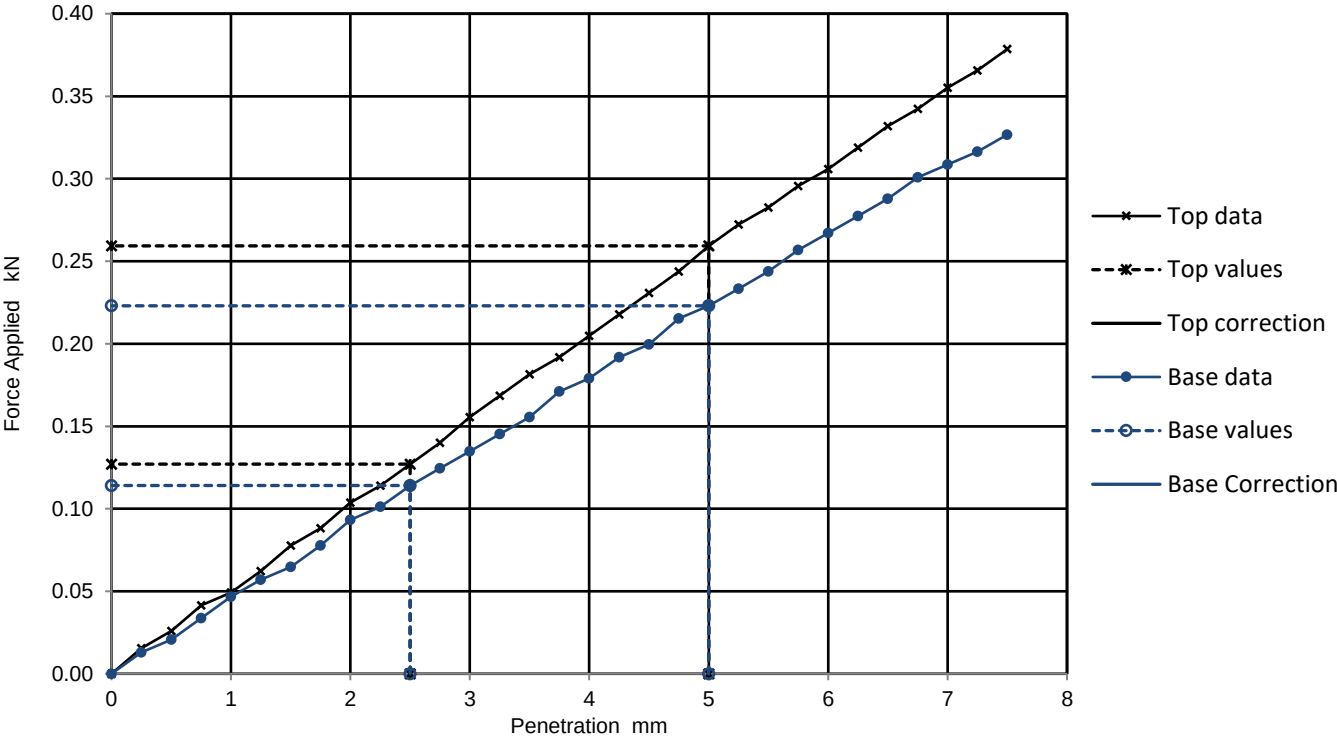


|                                 |                                                          |                |   |                  |               |
|---------------------------------|----------------------------------------------------------|----------------|---|------------------|---------------|
| GQF-008-36<br>Issue 01 - Oct 22 | California Bearing Ratio ( CBR )                         |                |   | Job Ref          | J259856       |
|                                 |                                                          |                |   | Borehole/Pit No. | TP102         |
| Project Name                    | Pyramid Park, Bury                                       |                |   | Sample No.       |               |
| Soil Description                | MADE GROUND: Grey slightly sandy slightly gravelly clay. |                |   | Depth m          | 0.60          |
| Specimen Reference              |                                                          | Specimen Depth | m | Sample Type      | B             |
| Specimen Description            | Dark grey slightly gravelly very sandy CLAY              |                |   | KeyLAB ID        | TTLP202401220 |
| Test Method                     | BS1377 : Part 4 : 1990, clause 7                         |                |   | CBR Test Number  | 1             |

Specimen Preparation

|                                         |                                                               |      |                           |                   |       |
|-----------------------------------------|---------------------------------------------------------------|------|---------------------------|-------------------|-------|
| Condition                               | REMOULDED                                                     |      | Soaking details           | Not soaked        |       |
| Details                                 | Recompacted with specified standard effort using 2.5kg rammer |      | Period of soaking         | days              |       |
|                                         |                                                               |      | Time to surface           | days              |       |
|                                         |                                                               |      | Amount of swell recorded  | mm                |       |
| Material retained on 20mm sieve removed | 16                                                            | %    | Dry density after soaking | Mg/m <sup>3</sup> |       |
| Initial Specimen details                | Bulk density                                                  | 1.84 | Mg/m <sup>3</sup>         | Surcharge applied | 0 kg  |
|                                         | Dry density                                                   | 1.42 | Mg/m <sup>3</sup>         |                   | 0 kPa |
|                                         | Moisture content                                              | 29.7 | %                         |                   |       |

Force v Penetration Plots



Results

TOP  
BASE

| Curve correction applied | CBR Values, % |     |         |         |
|--------------------------|---------------|-----|---------|---------|
|                          | 2.5mm         | 5mm | Highest | Average |
| TOP                      | 0.96          | 1.3 | 1.3     | 1.2     |
| BASE                     | 0.86          | 1.1 | 1.1     |         |

|                  |   |
|------------------|---|
| Moisture Content | % |
| 29.8             |   |
| 28.1             |   |

Remarks



CBR

## **APPENDIX 9**

### **Laboratory Test Results - Contamination (Soil)**



## Certificate of Analysis

**Certificate Number** 23-30352

**Issued:** 08-Jan-24

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 23-30352

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** PYRAMID PARK

**Description** 12 Soil samples.

**Date Received** 22-Dec-23

**Date Started** 22-Dec-23

**Date Completed** 08-Jan-24

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood  
General Manager



2139

## Summary of Chemical Analysis Soil Samples

Our Ref 23-30352

Client Ref PN234595

Contract Title PYRAMID PARK

|                      |            |            |            |            |            |            |            |            |            |
|----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| <b>Lab No</b>        | 2282353    | 2282354    | 2282355    | 2282357    | 2282358    | 2282359    | 2282360    | 2282361    | 2282363    |
| <b>Sample ID</b>     | BH101      | BH102      | BH108      | TP102      | TP102      | TP102      | TP102      | TP102      | TP104      |
| <b>Depth</b>         | 5.00-5.45  | 6.00-6.45  | 5.00-5.45  | 0.60-0.90  | 0.60-0.90  | 1.50-1.80  | 2.50-2.70  | 3.70-4.00  | 0.50-0.80  |
| <b>Other ID</b>      |            |            |            |            |            |            |            |            |            |
| <b>Sample Type</b>   | D          | D          | D          | D          | D          | D          | D          | D          | D          |
| <b>Sampling Date</b> | 20/12/2023 | 20/12/2023 | 20/12/2023 | 20/12/2023 | 20/12/2023 | 20/12/2023 | 20/12/2023 | 20/12/2023 | 20/12/2023 |
| <b>Sampling Time</b> | n/s        | n/s        | n/s        | n/s        | n/s        | n/s        | n/s        | n/s        | n/s        |

| Test                                  | Method      | LOD   | Units |        |      |      |      |         |     |      |      |
|---------------------------------------|-------------|-------|-------|--------|------|------|------|---------|-----|------|------|
| Asbestos Quantification               | DETSC 1102  | 0.001 | %     |        |      |      |      | < 0.001 |     |      |      |
| <b>Inorganics</b>                     |             |       |       |        |      |      |      |         |     |      |      |
| Loss on Ignition at 440oC             | DETSC 2003# | 0.01  | %     |        |      |      |      |         | 4.2 |      | 3.4  |
| pH                                    | DETSC 2008# |       | pH    | 8.2    | 8.0  | 8.3  | 6.7  |         |     | 8.2  | 7.1  |
| Organic matter                        | DETSC 2002# | 0.1   | %     |        |      |      |      |         | 3.6 |      | 1.1  |
| Sulphate Aqueous Extract as SO4 (2:1) | DETSC 2076# | 10    | mg/l  | 55     | 77   | 68   | 970  |         |     | 450  | 430  |
| Sulphur as S, Total                   | DETSC 2320  | 0.01  | %     | < 0.01 | 0.03 | 0.02 | 0.36 |         |     | 0.13 | 0.07 |
| Sulphate as SO4, Total                | DETSC 2321# | 0.01  | %     | 0.03   | 0.02 | 0.04 | 0.30 |         |     | 0.15 | 0.17 |

## Summary of Asbestos Analysis Soil Samples

*Our Ref* 23-30352

*Client Ref* PN234595

*Contract Title* PYRAMID PARK

| Lab No  | Sample ID       | Material Type | Result     | Comment* | Analyst      |
|---------|-----------------|---------------|------------|----------|--------------|
| 2282356 | TP101 0.60-0.80 | SOIL          | NAD        | none     | Shannon Hope |
| 2282358 | TP102 0.60-0.90 | SOIL          | Chrysotile | loose    | Shannon Hope |
| 2282362 | TP104 0.50-0.80 | SOIL          | NAD        | none     | Shannon Hope |
| 2282364 | TP104 0.80-1.00 | SOIL          | NAD        | none     | Shannon Hope |

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: \* - not included in laboratory scope of accreditation.

## Summary of Asbestos Quantification Analysis

### Soil Samples

Our Ref 23-30352

Client Ref PN234595

Contract Title PYRAMID PARK

|               |            |
|---------------|------------|
| Lab No        | 2282358    |
| Sample ID     | TP102      |
| Depth         | 0.60-0.90  |
| Other ID      |            |
| Sample Type   | D          |
| Sampling Date | 20/12/2023 |
| Sampling Time |            |

| Test                                    | Method     | Units    |         |
|-----------------------------------------|------------|----------|---------|
| Total Mass% Asbestos (a+b+c)            | DETSC 1102 | Mass %   | < 0.001 |
| Gravimetric Quantification (a)          | DETSC 1102 | Mass %   | na      |
| Detailed Gravimetric Quantification (b) | DETSC 1102 | Mass %   | <0.001  |
| Quantification by PCOM (c)              | DETSC 1102 | Mass %   | na      |
| Potentially Respirable Fibres (d)       | DETSC 1102 | Fibres/g | na      |

#### Breakdown of Gravimetric Analysis (a)

|                       |  |      |        |
|-----------------------|--|------|--------|
| Mass of Sample        |  | g    | 845.07 |
| ACMs present*         |  | type |        |
| Mass of ACM in sample |  | g    |        |
| % ACM by mass         |  | %    |        |
| % asbestos in ACM     |  | %    |        |
| % asbestos in sample  |  | %    |        |

#### Breakdown of Detailed Gravimetric Analysis (b)

|                                |  |        |        |
|--------------------------------|--|--------|--------|
| % Amphibole bundles in sample  |  | Mass % | na     |
| % Chrysotile bundles in sample |  | Mass % | <0.001 |

#### Breakdown of PCOM Analysis (c)

|                               |  |        |    |
|-------------------------------|--|--------|----|
| % Amphibole fibres in sample  |  | Mass % | na |
| % Chrysotile fibres in sample |  | Mass % | na |

#### Breakdown of Potentially Respirable Fibre Analysis (d)

|                   |  |          |    |
|-------------------|--|----------|----|
| Amphibole fibres  |  | Fibres/g | na |
| Chrysotile fibres |  | Fibres/g | na |

\* Denotes test or material description outside of UKAS accreditation.  
 % asbestos in Asbestos Containing Materials (ACMs) is determined by  
 by reference to HSG 264.  
 Recommended sample size for quantification is approximately 1kg  
 # denotes deviating sample

## Information in Support of the Analytical Results

Our Ref 23-30352  
Client Ref PN234595  
Contract PYRAMID PARK

### Containers Received & Deviating Samples

| Lab No  | Sample ID            | Date Sampled | Containers Received | Holding time exceeded for tests | Inappropriate container for tests |
|---------|----------------------|--------------|---------------------|---------------------------------|-----------------------------------|
| 2282353 | BH101 5.00-5.45 SOIL | 20/12/23     | PT 1L               |                                 |                                   |
| 2282354 | BH102 6.00-6.45 SOIL | 20/12/23     | GJ 250ml            |                                 |                                   |
| 2282355 | BH108 5.00-5.45 SOIL | 20/12/23     | PT 1L               |                                 |                                   |
| 2282356 | TP101 0.60-0.80 SOIL | 20/12/23     | GJ 250ml            |                                 |                                   |
| 2282357 | TP102 0.60-0.90 SOIL | 20/12/23     | GJ 250ml            |                                 |                                   |
| 2282358 | TP102 0.60-0.90 SOIL | 20/12/23     | PT 1L               |                                 |                                   |
| 2282359 | TP102 1.50-1.80 SOIL | 20/12/23     | PT 1L               |                                 |                                   |
| 2282360 | TP102 2.50-2.70 SOIL | 20/12/23     | PT 1L               |                                 |                                   |
| 2282361 | TP102 3.70-4.00 SOIL | 20/12/23     | GJ 250ml            |                                 |                                   |
| 2282362 | TP104 0.50-0.80 SOIL | 20/12/23     | GJ 250ml            |                                 |                                   |
| 2282363 | TP104 0.50-0.80 SOIL | 20/12/23     | GJ 250ml            |                                 |                                   |
| 2282364 | TP104 0.80-1.00 SOIL | 20/12/23     | PT 1L               |                                 |                                   |

Key: P-Plastic T-Tub G-Glass J-Jar

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



## Certificate of Analysis

*Certificate Number* 23-30353

*Issued:* 08-Jan-24

*Client* Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

*Our Reference* 23-30353

*Client Reference* PN234595

*Order No* ON39068

*Contract Title* PYRAMID PARK

*Description* 5 Soil samples.

*Date Received* 22-Dec-23

*Date Started* 22-Dec-23

*Date Completed* 08-Jan-24

*Test Procedures* Identified by prefix DETSn (details on request).

*Notes* Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

*Approved By*

Kirk Bridgewood  
General Manager



2139

## Summary of Chemical Analysis Soil Samples

Our Ref 23-30353

Client Ref PN234595

Contract Title PYRAMID PARK

|               |            |            |            |            |
|---------------|------------|------------|------------|------------|
| Lab No        | 2282365    | 2282366    | 2282368    | 2282369    |
| Sample ID     | TP121      | TP121      | TP122      | TP123      |
| Depth         | 2.00-2.30  | 3.80-4.00  | 0.40-0.80  | 2.00-2.20  |
| Other ID      |            |            |            |            |
| Sample Type   | D          | D          | D          | D          |
| Sampling Date | 20/12/2023 | 20/12/2023 | 20/12/2023 | 20/12/2023 |
| Sampling Time | n/s        | n/s        | n/s        | n/s        |

| Test                                              | Method      | LOD   | Units |         |         |      |      |
|---------------------------------------------------|-------------|-------|-------|---------|---------|------|------|
| Asbestos Quantification                           | DETSC 1102  | 0.001 | %     | < 0.001 | < 0.001 |      |      |
| <b>Inorganics</b>                                 |             |       |       |         |         |      |      |
| pH                                                | DETSC 2008# |       | pH    |         |         | 8.0  | 8.0  |
| Sulphate Aqueous Extract as SO <sub>4</sub> (2:1) | DETSC 2076# | 10    | mg/l  |         |         | 180  | 61   |
| Sulphur as S, Total                               | DETSC 2320  | 0.01  | %     |         |         | 0.15 | 0.09 |
| Sulphate as SO <sub>4</sub> , Total               | DETSC 2321# | 0.01  | %     |         |         | 0.13 | 0.03 |

## Summary of Asbestos Analysis Soil Samples

*Our Ref* 23-30353

*Client Ref* PN234595

*Contract Title* PYRAMID PARK

| Lab No  | Sample ID       | Material Type | Result     | Comment*                            | Analyst  |
|---------|-----------------|---------------|------------|-------------------------------------|----------|
| 2282365 | TP121 2.00-2.30 | SOIL          | Chrysotile | Chrysotile present as fibre bundles | Ben Rose |
| 2282366 | TP121 3.80-4.00 | SOIL          | Chrysotile | Chrysotile present as fibre bundles | Ben Rose |
| 2282367 | TP122 0.40-0.80 | SOIL          | NAD        | none                                | Ben Rose |

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: \* -not included in laboratory scope of accreditation.

## Summary of Asbestos Quantification Analysis

### Soil Samples

Our Ref 23-30353

Client Ref PN234595

Contract Title PYRAMID PARK

|               |            |            |
|---------------|------------|------------|
| Lab No        | 2282365    | 2282366    |
| Sample ID     | TP121      | TP121      |
| Depth         | 2.00-2.30  | 3.80-4.00  |
| Other ID      |            |            |
| Sample Type   | D          | D          |
| Sampling Date | 20/12/2023 | 20/12/2023 |
| Sampling Time |            |            |

| Test                                    | Method     | Units    |         |         |
|-----------------------------------------|------------|----------|---------|---------|
| Total Mass% Asbestos (a+b+c)            | DETSC 1102 | Mass %   | < 0.001 | < 0.001 |
| Gravimetric Quantification (a)          | DETSC 1102 | Mass %   | na      | na      |
| Detailed Gravimetric Quantification (b) | DETSC 1102 | Mass %   | <0.001  | <0.001  |
| Quantification by PCOM (c)              | DETSC 1102 | Mass %   | na      | na      |
| Potentially Respirable Fibres (d)       | DETSC 1102 | Fibres/g | na      | na      |

#### Breakdown of Gravimetric Analysis (a)

|                       |  |      |        |        |
|-----------------------|--|------|--------|--------|
| Mass of Sample        |  | g    | 234.04 | 211.41 |
| ACMs present*         |  | type |        |        |
| Mass of ACM in sample |  | g    |        |        |
| % ACM by mass         |  | %    |        |        |
| % asbestos in ACM     |  | %    |        |        |
| % asbestos in sample  |  | %    |        |        |

#### Breakdown of Detailed Gravimetric Analysis (b)

|                                |  |        |        |        |
|--------------------------------|--|--------|--------|--------|
| % Amphibole bundles in sample  |  | Mass % | na     | na     |
| % Chrysotile bundles in sample |  | Mass % | <0.001 | <0.001 |

#### Breakdown of PCOM Analysis (c)

|                               |  |        |    |    |
|-------------------------------|--|--------|----|----|
| % Amphibole fibres in sample  |  | Mass % | na | na |
| % Chrysotile fibres in sample |  | Mass % | na | na |

#### Breakdown of Potentially Respirable Fibre Analysis (d)

|                   |  |          |    |    |
|-------------------|--|----------|----|----|
| Amphibole fibres  |  | Fibres/g | na | na |
| Chrysotile fibres |  | Fibres/g | na | na |

\* Denotes test or material description outside of UKAS accreditation.  
 % asbestos in Asbestos Containing Materials (ACMs) is determined by  
 by reference to HSG 264.  
 Recommended sample size for quantification is approximately 1kg  
 # denotes deviating sample

## Information in Support of the Analytical Results

Our Ref 23-30353  
 Client Ref PN234595  
 Contract PYRAMID PARK

### Containers Received & Deviating Samples

| Lab No  | Sample ID            | Date Sampled | Containers Received | Holding time exceeded for tests | Inappropriate container for tests |
|---------|----------------------|--------------|---------------------|---------------------------------|-----------------------------------|
| 2282365 | TP121 2.00-2.30 SOIL | 20/12/23     | GJ 250ml            |                                 |                                   |
| 2282366 | TP121 3.80-4.00 SOIL | 20/12/23     | GJ 250ml            |                                 |                                   |
| 2282367 | TP122 0.40-0.80 SOIL | 20/12/23     | GJ 250ml            |                                 |                                   |
| 2282368 | TP122 0.40-0.80 SOIL | 20/12/23     | PT 1L               |                                 |                                   |
| 2282369 | TP123 2.00-2.20 SOIL | 20/12/23     | PT 1L               |                                 |                                   |

Key: G-Glass J-Jar P-Plastic T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



## Certificate of Analysis

**Certificate Number** 23-30354

**Issued:** 05-Jan-24

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 23-30354

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** PYRAMID PARK

**Description** 14 Soil samples.

**Date Received** 22-Dec-23

**Date Started** 22-Dec-23

**Date Completed** 05-Jan-24

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

Kirk Bridgewood  
General Manager



2139

## Summary of Chemical Analysis

### Soil Samples

Our Ref 23-30354  
 Client Ref PN234595  
 Contract Title PYRAMID PARK

| Lab No        | 2282372    | 2282376    | 2282377    | 2282378    | 2282379    | 2282380    | 2282381    | 2282382    | 2282383    |
|---------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Sample ID     | TP106      | TP109      | TP110      | TP116A     | TP118      | TP119      | TP119      | TP119      | TP120      |
| Depth         | 1.30-1.50  | 2.00-2.20  | 1.00-1.20  | 1.70-2.00  | 1.00-1.10  | 1.00-1.20  | 2.00-2.20  | 3.00-3.40  | 2.20-2.50  |
| Other ID      |            |            |            |            |            |            |            |            |            |
| Sample Type   | D          | D          | D          | D          | D          | D          | D          | D          | SOIL       |
| Sampling Date | 20/12/2023 | 20/12/2023 | 20/12/2023 | 20/12/2023 | 20/12/2023 | 20/12/2023 | 20/12/2023 | 20/12/2023 | 20/12/2023 |
| Sampling Time | n/s        | n/s        | n/s        | n/s        | n/s        | n/s        | n/s        | n/s        | n/s        |

| Test                                              | Method     | LOD  | Units |      |      |        |        |        |     |     |      |        |
|---------------------------------------------------|------------|------|-------|------|------|--------|--------|--------|-----|-----|------|--------|
| <b>Inorganics</b>                                 |            |      |       |      |      |        |        |        |     |     |      |        |
| Loss on Ignition at 440oC                         | DETS 2003# | 0.01 | %     |      |      |        |        |        | 5.5 | 6.5 |      |        |
| pH                                                | DETS 2008# |      | pH    | 7.7  | 8.0  | 7.6    | 7.9    | 7.1    |     |     | 8.8  | 7.7    |
| Organic matter                                    | DETS 2002# | 0.1  | %     |      |      |        |        |        | 3.5 | 3.6 |      |        |
| Sulphate Aqueous Extract as SO <sub>4</sub> (2:1) | DETS 2076# | 10   | mg/l  | 140  | 50   | 25     | 23     | 25     |     |     | 290  | 20     |
| Sulphur as S, Total                               | DETS 2320  | 0.01 | %     | 0.05 | 0.03 | < 0.01 | < 0.01 | < 0.01 |     |     | 0.13 | < 0.01 |
| Sulphate as SO <sub>4</sub> , Total               | DETS 2321# | 0.01 | %     | 0.08 | 0.04 | 0.01   | 0.02   | 0.02   |     |     | 0.19 | 0.01   |

## Summary of Asbestos Analysis Soil Samples

*Our Ref* 23-30354

*Client Ref* PN234595

*Contract Title* PYRAMID PARK

| Lab No  | Sample ID       | Material Type | Result     | Comment*                            | Analyst   |
|---------|-----------------|---------------|------------|-------------------------------------|-----------|
| 2282370 | TP106 0.30-0.60 | SOIL          | NAD        | none                                | Josh Best |
| 2282371 | TP106 1.30-1.50 | SOIL          | NAD        | none                                | Josh Best |
| 2282373 | TP107 1.50-1.70 | SOIL          | Chrysotile | Chrysotile present as fibre bundles | Josh Best |
| 2282374 | TP108 2.00-2.45 | SOIL          | NAD        | none                                | Josh Best |
| 2282375 | TP109 0.50-0.80 | SOIL          | NAD        | none                                | Josh Best |

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: \* -not included in laboratory scope of accreditation.

## Information in Support of the Analytical Results

Our Ref 23-30354  
Client Ref PN234595  
Contract PYRAMID PARK

### Containers Received & Deviating Samples

| Lab No  | Sample ID             | Date Sampled | Containers Received | Holding time exceeded for tests | Inappropriate container for tests |
|---------|-----------------------|--------------|---------------------|---------------------------------|-----------------------------------|
| 2282370 | TP106 0.30-0.60 SOIL  | 20/12/23     | GJ 250ml            |                                 |                                   |
| 2282371 | TP106 1.30-1.50 SOIL  | 20/12/23     | GJ 250ml            |                                 |                                   |
| 2282372 | TP106 1.30-1.50 SOIL  | 20/12/23     | PT 1L               |                                 |                                   |
| 2282373 | TP107 1.50-1.70 SOIL  | 20/12/23     | GJ 250ml            |                                 |                                   |
| 2282374 | TP108 2.00-2.45 SOIL  | 20/12/23     | PT 1L               |                                 |                                   |
| 2282375 | TP109 0.50-0.80 SOIL  | 20/12/23     | GJ 250ml            |                                 |                                   |
| 2282376 | TP109 2.00-2.20 SOIL  | 20/12/23     | GJ 250ml            |                                 |                                   |
| 2282377 | TP110 1.00-1.20 SOIL  | 20/12/23     | PT 1L               |                                 |                                   |
| 2282378 | TP116A 1.70-2.00 SOIL | 20/12/23     | PT 1L               |                                 |                                   |
| 2282379 | TP118 1.00-1.10 SOIL  | 20/12/23     | PT 1L               |                                 |                                   |
| 2282380 | TP119 1.00-1.20 SOIL  | 20/12/23     | PT 1L               |                                 |                                   |
| 2282381 | TP119 2.00-2.20 SOIL  | 20/12/23     | PT 1L               |                                 |                                   |
| 2282382 | TP119 3.00-3.40 SOIL  | 20/12/23     | PT 1L               |                                 |                                   |
| 2282383 | TP120 2.20-2.50 SOIL  | 20/12/23     | PT 1L               |                                 |                                   |

Key: G-Glass J-Jar P-Plastic T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



## Certificate of Analysis

**Certificate Number** 24-00096

**Issued:** 08-Jan-24

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 24-00096

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** Pyramid Park

**Description** 11 Soil samples.

**Date Received** 04-Jan-24

**Date Started** 04-Jan-24

**Date Completed** 08-Jan-24

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

Kirk Bridgewood  
General Manager



2139

## Summary of Chemical Analysis

### Soil Samples

Our Ref 24-00096

Client Ref PN234595

Contract Title Pyramid Park

| Lab No        | 2282760   | 2282761   | 2282762   | 2282766   | 2282768   |
|---------------|-----------|-----------|-----------|-----------|-----------|
| Sample ID     | BH105     | BH106     | BH107     | TP117     | TP121     |
| Depth         | 4.00-4.45 | 5.00-5.45 | 2.00-2.45 | 0.00-0.40 | 3.20-3.40 |
| Other ID      |           |           |           |           |           |
| Sample Type   | D         | D         | D         | D         | D         |
| Sampling Date | n/s       | n/s       | n/s       | n/s       | n/s       |
| Sampling Time | n/s       | n/s       | n/s       | n/s       | n/s       |

| Test                                              | Method      | LOD  | Units |      |        |      |      |      |
|---------------------------------------------------|-------------|------|-------|------|--------|------|------|------|
| <b>Inorganics</b>                                 |             |      |       |      |        |      |      |      |
| pH                                                | DETSC 2008# |      | pH    | 8.4  | 8.4    | 10.3 | 8.2  | 8.3  |
| Sulphate Aqueous Extract as SO <sub>4</sub> (2:1) | DETSC 2076# | 10   | mg/l  | 63   | 40     | 620  | 40   | 82   |
| Sulphur as S, Total                               | DETSC 2320  | 0.01 | %     | 0.03 | < 0.01 | 0.22 | 0.04 | 0.04 |
| Sulphate as SO <sub>4</sub> , Total               | DETSC 2321# | 0.01 | %     | 0.03 | 0.02   | 1.2  | 0.05 | 0.06 |

## Summary of Asbestos Analysis

### Soil Samples

*Our Ref* 24-00096

*Client Ref* PN234595

*Contract Title* Pyramid Park

| Lab No  | Sample ID       | Material Type | Result | Comment* | Analyst      |
|---------|-----------------|---------------|--------|----------|--------------|
| 2282758 | BH104 0.50-1.20 | SOIL          | NAD    | none     | Shannon Hope |
| 2282759 | BH105 0.50-1.20 | SOIL          | NAD    | none     | Shannon Hope |
| 2282763 | BH107 4.00-4.45 | SOIL          | NAD    | none     | Shannon Hope |
| 2282764 | TP101 0.80-1.00 | SOIL          | NAD    | none     | Shannon Hope |
| 2282765 | TP117 0.00-0.40 | SOIL          | NAD    | none     | Shannon Hope |
| 2282767 | TP117 0.40-1.10 | SOIL          | NAD    | none     | Shannon Hope |

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: \* - not included in laboratory scope of accreditation.

## Information in Support of the Analytical Results

Our Ref 24-00096  
Client Ref PN234595  
Contract Pyramid Park

### Containers Received & Deviating Samples

| Lab No  | Sample ID            | Date Sampled | Containers Received         | Holding time exceeded for tests                                                                                                                                  | Inappropriate container for tests |
|---------|----------------------|--------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| 2282758 | BH104 0.50-1.20 SOIL |              | GJ 250ml                    |                                                                                                                                                                  |                                   |
| 2282759 | BH105 0.50-1.20 SOIL |              | GJ 250ml                    |                                                                                                                                                                  |                                   |
| 2282760 | BH105 4.00-4.45 SOIL |              | PT 1L                       | Sample date not supplied, Anions 2:1 (30 days), Total Sulphur ICP (7 days), Total Sulphate ICP (30 days), Metals ICP Prep (182 days), pH + Conductivity (7 days) |                                   |
| 2282761 | BH106 5.00-5.45 SOIL |              | GJ 250ml                    | Sample date not supplied, Anions 2:1 (30 days), Total Sulphur ICP (7 days), Total Sulphate ICP (30 days), Metals ICP Prep (182 days), pH + Conductivity (7 days) |                                   |
| 2282762 | BH107 2.00-2.45 SOIL |              | GJ 250ml                    | Sample date not supplied, Anions 2:1 (30 days), Total Sulphur ICP (7 days), Total Sulphate ICP (30 days), Metals ICP Prep (182 days), pH + Conductivity (7 days) |                                   |
| 2282763 | BH107 4.00-4.45 SOIL |              | GJ 250ml                    |                                                                                                                                                                  |                                   |
| 2282764 | TP101 0.80-1.00 SOIL |              | GJ 250ml x2, GJ 60ml, PT 1L |                                                                                                                                                                  |                                   |
| 2282765 | TP117 0.00-0.40 SOIL |              | GJ 250ml                    |                                                                                                                                                                  |                                   |
| 2282766 | TP117 0.00-0.40 SOIL |              | PT 1L                       | Sample date not supplied, Anions 2:1 (30 days), Total Sulphur ICP (7 days), Total Sulphate ICP (30 days), Metals ICP Prep (182 days), pH + Conductivity (7 days) |                                   |
| 2282767 | TP117 0.40-1.10 SOIL |              | PT 1L                       |                                                                                                                                                                  |                                   |
| 2282768 | TP121 3.20-3.40 SOIL |              | PT 1L                       | Sample date not supplied, Anions 2:1 (30 days), Total Sulphur ICP (7 days), Total Sulphate ICP (30 days), Metals ICP Prep (182 days), pH + Conductivity (7 days) |                                   |

Key: G-Glass J-Jar P-Plastic T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



## Certificate of Analysis

**Certificate Number** 24-00309

**Issued:** 10-Jan-24

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 24-00309

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** PYRAMID PARK

**Description** One Soil sample.

**Date Received** 22-Dec-23

**Date Started** 08-Jan-24

**Date Completed** 10-Jan-24

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood  
General Manager



2139

## Summary of Asbestos Analysis Soil Samples

*Our Ref* 24-00309

*Client Ref* PN234595

*Contract Title* PYRAMID PARK

| Lab No  | Sample ID       | Material Type | Result | Comment* | Analyst          |
|---------|-----------------|---------------|--------|----------|------------------|
| 2283957 | TP119 1.00-1.20 | SOIL          | NAD    | none     | Robertas Ciparis |

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: \* - not included in laboratory scope of accreditation.

## Information in Support of the Analytical Results

Our Ref 24-00309  
 Client Ref PN234595  
 Contract PYRAMID PARK

### Containers Received & Deviating Samples

| Lab No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Sample ID            | Date     |       | Containers Received | Holding time exceeded for tests | Inappropriate container for tests |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------|-------|---------------------|---------------------------------|-----------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                      | Sampled  |       |                     |                                 |                                   |
| 2283957                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TP119 1.00-1.20 SOIL | 20/12/23 | PT 1L |                     |                                 |                                   |
| Key: P-Plastic T-Tub<br>DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable. |                      |          |       |                     |                                 |                                   |

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-  
 Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



## Certificate of Analysis

**Certificate Number** 24-00687

**Issued:** 16-Jan-24

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 24-00687

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** Pyramid Park

**Description** 6 Soil samples.

**Date Received** 15-Jan-24

**Date Started** 15-Jan-24

**Date Completed** 16-Jan-24

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood  
General Manager



2139

## Summary of Asbestos Analysis Soil Samples

*Our Ref* 24-00687

*Client Ref* PN234595

*Contract Title* Pyramid Park

| Lab No  | Sample ID       | Material Type | Result     | Comment*                            | Analyst    |
|---------|-----------------|---------------|------------|-------------------------------------|------------|
| 2285931 | BH102 0.50-1.20 | SOIL          | NAD        | none                                | Ben Barsby |
| 2285932 | BH107 0.30-1.20 | SOIL          | Chrysotile | Chrysotile present as fibre bundles | Ben Barsby |
| 2285933 | TP101 0.30-0.50 | SOIL          | NAD        | none                                | Ben Barsby |
| 2285934 | TP108 0.20-0.40 | SOIL          | Chrysotile | Chrysotile present as fibre bundles | Ben Barsby |
| 2285935 | TP109 2.00-2.20 | SOIL          | NAD        | none                                | Ben Barsby |
| 2285936 | TP119 2.00-2.20 | SOIL          | NAD        | none                                | Ben Barsby |

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: \* -not included in laboratory scope of accreditation.

## Information in Support of the Analytical Results

Our Ref 24-00687  
 Client Ref PN234595  
 Contract Pyramid Park

### Containers Received & Deviating Samples

| Lab No  | Sample ID            | Date Sampled | Containers Received | Hold time exceeded for tests | Inappropriate container for tests |
|---------|----------------------|--------------|---------------------|------------------------------|-----------------------------------|
| 2285931 | BH102 0.50-1.20 SOIL |              | PT 1L               |                              |                                   |
| 2285932 | BH107 0.30-1.20 SOIL |              | PT 1L               |                              |                                   |
| 2285933 | TP101 0.30-0.50 SOIL |              | PT 1L               |                              |                                   |
| 2285934 | TP108 0.20-0.40 SOIL |              | PT 1L               |                              |                                   |
| 2285935 | TP109 2.00-2.20 SOIL |              | PT 1L               |                              |                                   |
| 2285936 | TP119 2.00-2.20 SOIL |              | PT 1L               |                              |                                   |

Key: P-Plastic T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



## Certificate of Analysis

**Certificate Number** 24-01063

**Issued:** 23-Jan-24

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 24-01063

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** Pyramid Park

**Description** 2 Soil samples.

**Date Received** 15-Jan-24

**Date Started** 18-Jan-24

**Date Completed** 23-Jan-24

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood  
General Manager



2139

## Summary of Asbestos Analysis Samples

*Our Ref* 24-01063

*Client Ref* PN234595

*Contract Title* Pyramid Park

| Lab No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Sample ID | Sample Location | Material Type | Result | Comment* | Analyst |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------|---------------|--------|----------|---------|
| Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: * -not included in laboratory scope of accreditation. |           |                 |               |        |          |         |

## Summary of Asbestos Quantification Analysis

### Soil Samples

Our Ref 24-01063

Client Ref PN234595

Contract Title Pyramid Park

|               |           |           |
|---------------|-----------|-----------|
| Lab No        | 2288161   | 2288162   |
| Sample ID     | BH107     | TP108     |
| Depth         | 0.30-1.20 | 0.20-0.40 |
| Other ID      |           |           |
| Sample Type   |           |           |
| Sampling Date | n/s       | n/s       |
| Sampling Time |           |           |

| Test                                                   | Method    | Units    |         |         |
|--------------------------------------------------------|-----------|----------|---------|---------|
| Total Mass% Asbestos (a+b+c)                           | DETS 1102 | Mass %   | < 0.001 | < 0.001 |
| Gravimetric Quantification (a)                         | DETS 1102 | Mass %   | na      | na      |
| Detailed Gravimetric Quantification (b)                | DETS 1102 | Mass %   | <0.001  | <0.001  |
| Quantification by PCOM (c)                             | DETS 1102 | Mass %   | na      | na      |
| Potentially Respirable Fibres (d)                      | DETS 1102 | Fibres/g | na      | na      |
| Breakdown of Gravimetric Analysis (a)                  |           |          |         |         |
| Mass of Sample                                         |           | g        | 235.16  | 219.76  |
| ACMs present*                                          |           | type     |         |         |
| Mass of ACM in sample                                  |           | g        |         |         |
| % ACM by mass                                          |           | %        |         |         |
| % asbestos in ACM                                      |           | %        |         |         |
| % asbestos in sample                                   |           | %        |         |         |
| Breakdown of Detailed Gravimetric Analysis (b)         |           |          |         |         |
| % Amphibole bundles in sample                          |           | Mass %   | na      | na      |
| % Chrysotile bundles in sample                         |           | Mass %   | <0.001  | <0.001  |
| Breakdown of PCOM Analysis (c)                         |           |          |         |         |
| % Amphibole fibres in sample                           |           | Mass %   | na      | na      |
| % Chrysotile fibres in sample                          |           | Mass %   | na      | na      |
| Breakdown of Potentially Respirable Fibre Analysis (d) |           |          |         |         |
| Amphibole fibres                                       |           | Fibres/g | na      | na      |
| Chrysotile fibres                                      |           | Fibres/g | na      | na      |

\* Denotes test or material description outside of UKAS accreditation.  
 % asbestos in Asbestos Containing Materials (ACMs) is determined by  
 by reference to HSG 264.  
 Recommended sample size for quantification is approximately 1kg  
 # denotes deviating sample

## Information in Support of the Analytical Results

Our Ref 24-01063  
Client Ref PN234595  
Contract Pyramid Park

### Containers Received & Deviating Samples

| Lab No  | Sample ID            | Date    |                     | Holding time<br>exceeded for<br>tests | Inappropriate<br>container for<br>tests |
|---------|----------------------|---------|---------------------|---------------------------------------|-----------------------------------------|
|         |                      | Sampled | Containers Received |                                       |                                         |
| 2288161 | BH107 0.30-1.20 SOIL |         | PT 1L               |                                       |                                         |
| 2288162 | TP108 0.20-0.40 SOIL |         | PT 1L               |                                       |                                         |

Key: P-Plastic T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



## Certificate of Analysis

**Certificate Number** 24-01064

**Issued:** 23-Jan-24

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 24-01064

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** Pyramid Park

**Description** 2 Soil samples.

**Date Received** 01-Dec-23

**Date Started** 18-Jan-24

**Date Completed** 23-Jan-24

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood  
General Manager



2139

## Summary of Asbestos Analysis Samples

*Our Ref* 24-01064

*Client Ref* PN234595

*Contract Title* Pyramid Park

| Lab No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Sample ID | Sample Location | Material Type | Result | Comment* | Analyst |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------|---------------|--------|----------|---------|
| Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: * -not included in laboratory scope of accreditation. |           |                 |               |        |          |         |

## Summary of Asbestos Quantification Analysis

### Soil Samples

Our Ref 24-01064

Client Ref PN234595

Contract Title Pyramid Park

|               |            |            |
|---------------|------------|------------|
| Lab No        | 2288163    | 2288164    |
| Sample ID     | BH102      | BH103      |
| Depth         | 0.50       | 0.50       |
| Other ID      |            |            |
| Sample Type   | ES         | ES         |
| Sampling Date | 16/11/2023 | 16/11/2023 |
| Sampling Time |            |            |

| Test                                                   | Method    | Units    |       |       |
|--------------------------------------------------------|-----------|----------|-------|-------|
| Total Mass% Asbestos (a+b+c)                           | DETS 1102 | Mass %   | 0.009 | 0.005 |
| Gravimetric Quantification (a)                         | DETS 1102 | Mass %   | na    | na    |
| Detailed Gravimetric Quantification (b)                | DETS 1102 | Mass %   | 0.009 | 0.005 |
| Quantification by PCOM (c)                             | DETS 1102 | Mass %   | na    | na    |
| Potentially Respirable Fibres (d)                      | DETS 1102 | Fibres/g | na    | na    |
| Breakdown of Gravimetric Analysis (a)                  |           |          |       |       |
| Mass of Sample                                         |           | g        | 14.09 | 10.42 |
| ACMs present*                                          |           | type     |       |       |
| Mass of ACM in sample                                  |           | g        |       |       |
| % ACM by mass                                          |           | %        |       |       |
| % asbestos in ACM                                      |           | %        |       |       |
| % asbestos in sample                                   |           | %        |       |       |
| Breakdown of Detailed Gravimetric Analysis (b)         |           |          |       |       |
| % Amphibole bundles in sample                          |           | Mass %   | 0.009 | 0.005 |
| % Chrysotile bundles in sample                         |           | Mass %   | na    | na    |
| Breakdown of PCOM Analysis (c)                         |           |          |       |       |
| % Amphibole fibres in sample                           |           | Mass %   | na    | na    |
| % Chrysotile fibres in sample                          |           | Mass %   | na    | na    |
| Breakdown of Potentially Respirable Fibre Analysis (d) |           |          |       |       |
| Amphibole fibres                                       |           | Fibres/g | na    | na    |
| Chrysotile fibres                                      |           | Fibres/g | na    | na    |

\* Denotes test or material description outside of UKAS accreditation.  
 % asbestos in Asbestos Containing Materials (ACMs) is determined by  
 by reference to HSG 264.  
 Recommended sample size for quantification is approximately 1kg  
 # denotes deviating sample

## Information in Support of the Analytical Results

Our Ref 24-01064  
Client Ref PN234595  
Contract Pyramid Park

### Containers Received & Deviating Samples

| Lab No  | Sample ID       | Date     |                             | Holding time<br>exceeded for<br>tests | Inappropriate<br>container for<br>tests |
|---------|-----------------|----------|-----------------------------|---------------------------------------|-----------------------------------------|
|         |                 | Sampled  | Containers Received         |                                       |                                         |
| 2288163 | BH102 0.50 SOIL | 16/11/23 | GJ 250ml, GJ 60ml, PT 1L    |                                       |                                         |
| 2288164 | BH103 0.50 SOIL | 16/11/23 | GJ 250ml x2, GJ 60ml, PT 1L |                                       |                                         |

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



## Certificate of Analysis

*Certificate Number* 24-01065-0-1

*Issued:* 05-Mar-24

*Client* Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

*Our Reference* 24-01065-0-1

*Client Reference* PN234595

*Order No* ON39068

*Contract Title* PYRAMID PARK

*Description* One Soil sample.

*Date Received* 22-Dec-23

*Date Started* 18-Jan-24

*Date Completed* 05-Mar-24

*Test Procedures* Identified by prefix DETSn (details on request).

**Notes** This report supersedes 24-01065, amendments made

Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

*Approved By*

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood  
General Manager



## Summary of Asbestos Analysis Samples

*Our Ref* 24-01065-0-1

*Client Ref* PN234595

*Contract Title* PYRAMID PARK

| Lab No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Sample ID | Sample Location | Material Type | Result | Comment* | Analyst |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------|---------------|--------|----------|---------|
| Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: * -not included in laboratory scope of accreditation. |           |                 |               |        |          |         |

## Summary of Asbestos Quantification Analysis

### Soil Samples

Our Ref 24-01065-0-1

Client Ref PN234595

Contract Title PYRAMID PARK

|               |            |
|---------------|------------|
| Lab No        | 2288165    |
| Sample ID     | TP107      |
| Depth         | 1.50-1.70  |
| Other ID      |            |
| Sample Type   | D          |
| Sampling Date | 20/12/2023 |
| Sampling Time |            |

| Test                                    | Method     | Units    |       |
|-----------------------------------------|------------|----------|-------|
| Total Mass% Asbestos (a+b+c)            | DETSC 1102 | Mass %   | 0.002 |
| Gravimetric Quantification (a)          | DETSC 1102 | Mass %   | na    |
| Detailed Gravimetric Quantification (b) | DETSC 1102 | Mass %   | 0.002 |
| Quantification by PCOM (c)              | DETSC 1102 | Mass %   | na    |
| Potentially Respirable Fibres (d)       | DETSC 1102 | Fibres/g | na    |

#### Breakdown of Gravimetric Analysis (a)

|                       |  |      |        |
|-----------------------|--|------|--------|
| Mass of Sample        |  | g    | 232.54 |
| ACMs present*         |  | type |        |
| Mass of ACM in sample |  | g    |        |
| % ACM by mass         |  | %    |        |
| % asbestos in ACM     |  | %    |        |
| % asbestos in sample  |  | %    |        |

#### Breakdown of Detailed Gravimetric Analysis (b)

|                                |  |        |       |
|--------------------------------|--|--------|-------|
| % Amphibole bundles in sample  |  | Mass % | na    |
| % Chrysotile bundles in sample |  | Mass % | 0.002 |

#### Breakdown of PCOM Analysis (c)

|                               |  |        |    |
|-------------------------------|--|--------|----|
| % Amphibole fibres in sample  |  | Mass % | na |
| % Chrysotile fibres in sample |  | Mass % | na |

#### Breakdown of Potentially Respirable Fibre Analysis (d)

|                   |  |          |    |
|-------------------|--|----------|----|
| Amphibole fibres  |  | Fibres/g | na |
| Chrysotile fibres |  | Fibres/g | na |

\* Denotes test or material description outside of UKAS accreditation.  
 % asbestos in Asbestos Containing Materials (ACMs) is determined by  
 by reference to HSG 264.  
 Recommended sample size for quantification is approximately 1kg  
 # denotes deviating sample

## Information in Support of the Analytical Results

Our Ref 24-01065-0-1  
Client Ref PN234595  
Contract PYRAMID PARK

### Containers Received & Deviating Samples

| Lab No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Sample ID            | Date     |                     | Holding time<br>exceeded for<br>tests | Inappropriate<br>container for<br>tests |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------|---------------------|---------------------------------------|-----------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                      | Sampled  | Containers Received |                                       |                                         |
| 2288165                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | TP107 1.50-1.70 SOIL | 20/12/23 | GJ 250ml            |                                       |                                         |
| <p>Key: G-Glass J-Jar</p> <p>DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.</p> |                      |          |                     |                                       |                                         |

### Disposal

|                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| From the issue date of this test certificate, samples will be held for the following times prior to disposal :-<br>Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

End of Report



## Certificate of Analysis

**Certificate Number** 23-27971

**Issued:** 06-Dec-23

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 23-27971

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** PYRAMID PARK

**Description** One Soil sample.

**Date Received** 28-Nov-23

**Date Started** 28-Nov-23

**Date Completed** 06-Dec-23

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood  
General Manager



2139

# Summary of Chemical Analysis

## Soil Samples

Our Ref 23-27971

Client Ref PN234595

Contract Title PYRAMID PARK

|               |            |
|---------------|------------|
| Lab No        | 2268848    |
| Sample ID     | BH101      |
| Depth         | 0.50       |
| Other ID      |            |
| Sample Type   | ES         |
| Sampling Date | 15/11/2023 |
| Sampling Time | n/s        |

| Test                                | Method      | LOD  | Units |       |
|-------------------------------------|-------------|------|-------|-------|
| <b>Preparation</b>                  |             |      |       |       |
| Moisture Content                    | DETSC 1004  | 0.1  | %     | 14    |
| <b>Metals</b>                       |             |      |       |       |
| Arsenic                             | DETSC 2301# | 0.2  | mg/kg | 13    |
| Beryllium                           | DETSC 2301# | 0.2  | mg/kg | 0.7   |
| Boron, Water Soluble (2.5:1)        | DETSC 2311# | 0.2  | mg/kg | 0.6   |
| Cadmium                             | DETSC 2301# | 0.1  | mg/kg | 0.2   |
| Chromium                            | DETSC 2301# | 0.15 | mg/kg | 14    |
| Chromium, Hexavalent                | DETSC 2204* | 1    | mg/kg | < 1.0 |
| Copper                              | DETSC 2301# | 0.2  | mg/kg | 69    |
| Lead                                | DETSC 2301# | 0.3  | mg/kg | 56    |
| Mercury                             | DETSC 2325# | 0.05 | mg/kg | 0.05  |
| Nickel                              | DETSC 2301# | 1    | mg/kg | 22    |
| Selenium                            | DETSC 2301# | 0.5  | mg/kg | < 0.5 |
| Vanadium                            | DETSC 2301# | 0.8  | mg/kg | 28    |
| Zinc                                | DETSC 2301# | 1    | mg/kg | 78    |
| <b>Inorganics</b>                   |             |      |       |       |
| pH                                  | DETSC 2008# |      | pH    | 8.2   |
| Cyanide, Total                      | DETSC 2130# | 0.1  | mg/kg | < 0.1 |
| Sulphide                            | DETSC 2024* | 10   | mg/kg | < 10  |
| Sulphate as SO <sub>4</sub> , Total | DETSC 2321# | 0.01 | %     | 0.07  |
| <b>Petroleum Hydrocarbons</b>       |             |      |       |       |
| EPH (C10-C12)                       | DETSC 3311  | 10   | mg/kg | 57    |
| EPH (C12-C16)                       | DETSC 3311  | 10   | mg/kg | 360   |
| EPH (C16-C21)                       | DETSC 3311  | 10   | mg/kg | 1200  |
| EPH (C21-C36)                       | DETSC 3311  | 10   | mg/kg | 2100  |
| EPH (C36-C40)                       | DETSC 3311  | 10   | mg/kg | 150   |
| EPH (C10-C40)                       | DETSC 3311# | 10   | mg/kg | 3900  |
| <b>PAHs</b>                         |             |      |       |       |
| Naphthalene                         | DETSC 3303# | 0.03 | mg/kg | 5.0   |
| Acenaphthylene                      | DETSC 3303# | 0.03 | mg/kg | 0.11  |
| Acenaphthene                        | DETSC 3303# | 0.03 | mg/kg | 5.4   |
| Fluorene                            | DETSC 3303  | 0.03 | mg/kg | 4.2   |
| Phenanthrene                        | DETSC 3303# | 0.03 | mg/kg | 27    |
| Anthracene                          | DETSC 3303  | 0.03 | mg/kg | 6.5   |
| Fluoranthene                        | DETSC 3303# | 0.03 | mg/kg | 19    |
| Pyrene                              | DETSC 3303# | 0.03 | mg/kg | 19    |
| Benzo(a)anthracene                  | DETSC 3303# | 0.03 | mg/kg | 4.8   |
| Chrysene                            | DETSC 3303  | 0.03 | mg/kg | 4.5   |
| Benzo(b)fluoranthene                | DETSC 3303# | 0.03 | mg/kg | 3.3   |
| Benzo(k)fluoranthene                | DETSC 3303# | 0.03 | mg/kg | 1.1   |
| Benzo(a)pyrene                      | DETSC 3303# | 0.03 | mg/kg | 2.6   |
| Indeno(1,2,3-c,d)pyrene             | DETSC 3303# | 0.03 | mg/kg | 0.87  |
| Dibenzo(a,h)anthracene              | DETSC 3303# | 0.03 | mg/kg | 0.28  |

## Summary of Chemical Analysis

### Soil Samples

Our Ref 23-27971  
 Client Ref PN234595  
 Contract Title PYRAMID PARK

|               |            |
|---------------|------------|
| Lab No        | 2268848    |
| Sample ID     | BH101      |
| Depth         | 0.50       |
| Other ID      |            |
| Sample Type   | ES         |
| Sampling Date | 15/11/2023 |
| Sampling Time | n/s        |

| Test                  | Method      | LOD  | Units |     |
|-----------------------|-------------|------|-------|-----|
| Benzo(g,h,i)perylene  | DETSC 3303# | 0.03 | mg/kg | 1.1 |
| PAH - USEPA 16, Total | DETSC 3303  | 0.1  | mg/kg | 100 |
| <b>Phenols</b>        |             |      |       |     |
| Phenol - Monohydric   | DETSC 2130# | 0.3  | mg/kg | 0.3 |

## Information in Support of the Analytical Results

Our Ref 23-27971  
 Client Ref PN234595  
 Contract PYRAMID PARK

### Containers Received & Deviating Samples

| Lab No  | Sample ID       | Date Sampled | Containers Received         | Holding time exceeded for tests | inappropriate container for tests |
|---------|-----------------|--------------|-----------------------------|---------------------------------|-----------------------------------|
| 2268848 | BH101 0.50 SOIL | 15/11/23     | GJ 250ml x2, GJ 60ml, PT 1L | pH + Conductivity (7 days)      |                                   |

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



## Certificate of Analysis

**Certificate Number** 23-28325

**Issued:** 11-Dec-23

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 23-28325

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** Pyramid Park

**Description** 2 Soil samples.

**Date Received** 01-Dec-23

**Date Started** 01-Dec-23

**Date Completed** 11-Dec-23

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood  
General Manager



2139

## Summary of Chemical Analysis

### Soil Samples

Our Ref 23-28325

Client Ref PN234595

Contract Title Pyramid Park

|               |            |            |
|---------------|------------|------------|
| Lab No        | 2270817    | 2270818    |
| Sample ID     | BH102      | BH103      |
| Depth         | 0.50       | 0.50       |
| Other ID      |            |            |
| Sample Type   | ES         | ES         |
| Sampling Date | 16/11/2023 | 16/11/2023 |
| Sampling Time | n/s        | n/s        |

| Test                                | Method      | LOD  | Units |        |        |
|-------------------------------------|-------------|------|-------|--------|--------|
| <b>Preparation</b>                  |             |      |       |        |        |
| Moisture Content                    | DETSC 1004  | 0.1  | %     | 12     | 20     |
| <b>Metals</b>                       |             |      |       |        |        |
| Arsenic                             | DETSC 2301# | 0.2  | mg/kg | 9.3    | 10     |
| Beryllium                           | DETSC 2301# | 0.2  | mg/kg | 0.6    | 0.8    |
| Boron, Water Soluble (2.5:1)        | DETSC 2311# | 0.2  | mg/kg | 0.5    | 0.3    |
| Cadmium                             | DETSC 2301# | 0.1  | mg/kg | 0.4    | 0.4    |
| Chromium                            | DETSC 2301# | 0.15 | mg/kg | 14     | 15     |
| Chromium, Hexavalent                | DETSC 2204* | 1    | mg/kg | < 1.0  | < 1.0  |
| Copper                              | DETSC 2301# | 0.2  | mg/kg | 30     | 55     |
| Lead                                | DETSC 2301# | 0.3  | mg/kg | 57     | 50     |
| Mercury                             | DETSC 2325# | 0.05 | mg/kg | < 0.05 | < 0.05 |
| Nickel                              | DETSC 2301# | 1    | mg/kg | 16     | 22     |
| Selenium                            | DETSC 2301# | 0.5  | mg/kg | < 0.5  | < 0.5  |
| Vanadium                            | DETSC 2301# | 0.8  | mg/kg | 21     | 25     |
| Zinc                                | DETSC 2301# | 1    | mg/kg | 78     | 120    |
| <b>Inorganics</b>                   |             |      |       |        |        |
| pH                                  | DETSC 2008# |      | pH    | 7.2    | 8.1    |
| Cyanide, Total                      | DETSC 2130# | 0.1  | mg/kg | 0.1    | < 0.1  |
| Total Organic Carbon                | DETSC 2084# | 0.5  | %     | 3.0    | 5.0    |
| Sulphide                            | DETSC 2024* | 10   | mg/kg | 52     | 48     |
| Sulphate as SO <sub>4</sub> , Total | DETSC 2321# | 0.01 | %     | 0.10   | 0.05   |
| <b>Petroleum Hydrocarbons</b>       |             |      |       |        |        |
| EPH (C10-C12)                       | DETSC 3311  | 10   | mg/kg | < 10   | < 10   |
| EPH (C12-C16)                       | DETSC 3311  | 10   | mg/kg | 11     | < 10   |
| EPH (C16-C21)                       | DETSC 3311  | 10   | mg/kg | 37     | 14     |
| EPH (C21-C36)                       | DETSC 3311  | 10   | mg/kg | 91     | 28     |
| EPH (C36-C40)                       | DETSC 3311  | 10   | mg/kg | < 10   | < 10   |
| EPH (C10-C40)                       | DETSC 3311# | 10   | mg/kg | 150    | 45     |
| <b>PAHs</b>                         |             |      |       |        |        |
| Naphthalene                         | DETSC 3303# | 0.03 | mg/kg | 0.21   | 0.05   |
| Acenaphthylene                      | DETSC 3303# | 0.03 | mg/kg | 0.10   | < 0.03 |
| Acenaphthene                        | DETSC 3303# | 0.03 | mg/kg | 2.5    | 0.33   |
| Fluorene                            | DETSC 3303  | 0.03 | mg/kg | 1.3    | 0.22   |
| Phenanthrene                        | DETSC 3303# | 0.03 | mg/kg | 2.1    | 2.0    |
| Anthracene                          | DETSC 3303  | 0.03 | mg/kg | 0.40   | 0.35   |
| Fluoranthene                        | DETSC 3303# | 0.03 | mg/kg | 2.0    | 3.7    |
| Pyrene                              | DETSC 3303# | 0.03 | mg/kg | 1.7    | 3.8    |
| Benzo(a)anthracene                  | DETSC 3303# | 0.03 | mg/kg | 0.47   | 1.2    |
| Chrysene                            | DETSC 3303  | 0.03 | mg/kg | 0.55   | 1.4    |
| Benzo(b)fluoranthene                | DETSC 3303# | 0.03 | mg/kg | 0.73   | 1.3    |
| Benzo(k)fluoranthene                | DETSC 3303# | 0.03 | mg/kg | 0.24   | 0.58   |

## Summary of Chemical Analysis

### Soil Samples

Our Ref 23-28325

Client Ref PN234595

Contract Title Pyramid Park

|               |            |            |
|---------------|------------|------------|
| Lab No        | 2270817    | 2270818    |
| Sample ID     | BH102      | BH103      |
| Depth         | 0.50       | 0.50       |
| Other ID      |            |            |
| Sample Type   | ES         | ES         |
| Sampling Date | 16/11/2023 | 16/11/2023 |
| Sampling Time | n/s        | n/s        |

| Test                    | Method      | LOD  | Units |       |       |
|-------------------------|-------------|------|-------|-------|-------|
| Benzo(a)pyrene          | DETSC 3303# | 0.03 | mg/kg | 0.52  | 1.3   |
| Indeno(1,2,3-c,d)pyrene | DETSC 3303# | 0.03 | mg/kg | 0.20  | 0.35  |
| Dibenzo(a,h)anthracene  | DETSC 3303# | 0.03 | mg/kg | 0.06  | 0.14  |
| Benzo(g,h,i)perylene    | DETSC 3303# | 0.03 | mg/kg | 0.38  | 0.62  |
| PAH - USEPA 16, Total   | DETSC 3303  | 0.1  | mg/kg | 13    | 17    |
| <b>Phenols</b>          |             |      |       |       |       |
| Phenol - Monohydric     | DETSC 2130# | 0.3  | mg/kg | < 0.3 | < 0.3 |

## Summary of Asbestos Analysis Soil Samples

*Our Ref* 23-28325

*Client Ref* PN234595

*Contract Title* Pyramid Park

| Lab No  | Sample ID  | Material Type | Result  | Comment*                      | Analyst      |
|---------|------------|---------------|---------|-------------------------------|--------------|
| 2270817 | BH102 0.50 | SOIL          | Amosite | microscopic bundle of amosite | Shannon Hope |
| 2270818 | BH103 0.50 | SOIL          | Amosite | Bundle of amosite             | Shannon Hope |

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: \* -not included in laboratory scope of accreditation.

## Information in Support of the Analytical Results

Our Ref 23-28325  
Client Ref PN234595  
Contract Pyramid Park

### Containers Received & Deviating Samples

| Date    |                 |          |                             |                                                                                                                     | Inappropriate container for tests |
|---------|-----------------|----------|-----------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Lab No  | Sample ID       | Sampled  | Containers Received         | Holding time exceeded for tests                                                                                     | tests                             |
| 2270817 | BH102 0.50 SOIL | 16/11/23 | GJ 250ml, GJ 60ml, PT 1L    | Naphthalene (14 days), PAH MS (14 days), pH + Conductivity (7 days), Cyanide/Mono pHoh (14 days), EPH/TPH (14 days) |                                   |
| 2270818 | BH103 0.50 SOIL | 16/11/23 | GJ 250ml x2, GJ 60ml, PT 1L | Naphthalene (14 days), PAH MS (14 days), pH + Conductivity (7 days), Cyanide/Mono pHoh (14 days). EPH/TPH (14 days) |                                   |

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



## Certificate of Analysis

**Certificate Number** 23-28329

**Issued:** 14-Dec-23

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 23-28329

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** Pyramid Park

**Description** 6 Soil samples.

**Date Received** 01-Dec-23

**Date Started** 01-Dec-23

**Date Completed** 14-Dec-23

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood  
General Manager



2139

# Summary of Chemical Analysis

## Soil Samples

Our Ref 23-28329  
Client Ref PN234595  
Contract Title Pyramid Park

| Lab No        | 2270844    | 2270845    | 2270846    | 2270847    | 2270848    |
|---------------|------------|------------|------------|------------|------------|
| Sample ID     | TP102      | TP102      | TP103      | TP103      | TP104      |
| Depth         | 0.00-0.30  | 2.50-2.70  | 0.30-0.50  | 1.50-1.70  | 0.80-1.00  |
| Other ID      |            |            |            |            |            |
| Sample Type   | ES         | ES         | ES         | ES         | ES         |
| Sampling Date | 22/11/2023 | 22/11/2023 | 22/11/2023 | 22/11/2023 | 22/11/2023 |
| Sampling Time | n/s        | n/s        | n/s        | n/s        | n/s        |

| Test                                | Method      | LOD  | Units |        |        |       |        |        |
|-------------------------------------|-------------|------|-------|--------|--------|-------|--------|--------|
| <b>Preparation</b>                  |             |      |       |        |        |       |        |        |
| Moisture Content                    | DETSC 1004  | 0.1  | %     | 18     | 14     | 15    | 22     | 24     |
| <b>Metals</b>                       |             |      |       |        |        |       |        |        |
| Arsenic                             | DETSC 2301# | 0.2  | mg/kg | 8.3    | 11     | 13    | 11     | 7.7    |
| Beryllium                           | DETSC 2301# | 0.2  | mg/kg | 0.7    | 0.5    | 0.8   | 1.2    | 0.7    |
| Boron, Water Soluble (2.5:1)        | DETSC 2311# | 0.2  | mg/kg | 0.7    | 0.6    | 0.7   | 0.4    | 0.8    |
| Cadmium                             | DETSC 2301# | 0.1  | mg/kg | 0.2    | 0.3    | 0.4   | 0.5    | 0.3    |
| Chromium                            | DETSC 2301# | 0.15 | mg/kg | 20     | 9.8    | 16    | 26     | 21     |
| Chromium, Hexavalent                | DETSC 2204* | 1    | mg/kg | < 1.0  | < 1.0  | < 1.0 | < 1.0  | < 1.0  |
| Copper                              | DETSC 2301# | 0.2  | mg/kg | 23     | 57     | 120   | 100    | 17     |
| Lead                                | DETSC 2301# | 0.3  | mg/kg | 14     | 78     | 170   | 33     | 20     |
| Mercury                             | DETSC 2325# | 0.05 | mg/kg | < 0.05 | 0.05   | 0.26  | < 0.05 | < 0.05 |
| Nickel                              | DETSC 2301# | 1    | mg/kg | 25     | 15     | 20    | 42     | 18     |
| Selenium                            | DETSC 2301# | 0.5  | mg/kg | < 0.5  | < 0.5  | < 0.5 | < 0.5  | < 0.5  |
| Vanadium                            | DETSC 2301# | 0.8  | mg/kg | 24     | 22     | 29    | 38     | 26     |
| Zinc                                | DETSC 2301# | 1    | mg/kg | 52     | 70     | 150   | 160    | 63     |
| <b>Inorganics</b>                   |             |      |       |        |        |       |        |        |
| pH                                  | DETSC 2008# |      | pH    | 7.7    | 8.3    | 8.0   | 8.0    | 7.5    |
| Cyanide, Total                      | DETSC 2130# | 0.1  | mg/kg | 0.2    | 0.2    | 0.2   | 0.4    | 0.3    |
| Total Organic Carbon                | DETSC 2084# | 0.5  | %     | 1.5    |        |       |        |        |
| Sulphide                            | DETSC 2024* | 10   | mg/kg | < 10   | < 10   | < 10  | 52     | 56     |
| Sulphate as SO <sub>4</sub> , Total | DETSC 2321# | 0.01 | %     | 0.08   | 0.10   | 0.09  | 0.06   | 0.06   |
| <b>Petroleum Hydrocarbons</b>       |             |      |       |        |        |       |        |        |
| Aliphatic C5-C6                     | DETSC 3321* | 0.01 | mg/kg |        | < 0.01 |       |        |        |
| Aliphatic C6-C8                     | DETSC 3321* | 0.01 | mg/kg |        | < 0.01 |       |        |        |
| Aliphatic C8-C10                    | DETSC 3321* | 0.01 | mg/kg |        | < 0.01 |       |        |        |
| Aliphatic C10-C12                   | DETSC 3072# | 1.5  | mg/kg |        | < 1.5  |       |        |        |
| Aliphatic C12-C16                   | DETSC 3072# | 1.2  | mg/kg |        | < 1.2  |       |        |        |
| Aliphatic C16-C21                   | DETSC 3072# | 1.5  | mg/kg |        | < 1.5  |       |        |        |
| Aliphatic C21-C35                   | DETSC 3072# | 3.4  | mg/kg |        | < 3.4  |       |        |        |
| Aliphatic C35-C44                   | DETSC 3072* | 3.4  | mg/kg |        | < 3.4  |       |        |        |
| Aliphatic C10-C44                   | DETSC 3072* | 10   | mg/kg |        | < 10   |       |        |        |
| Aromatic C5-C7                      | DETSC 3321* | 0.01 | mg/kg |        | < 0.01 |       |        |        |
| Aromatic C7-C8                      | DETSC 3321* | 0.01 | mg/kg |        | < 0.01 |       |        |        |
| Aromatic C8-C10                     | DETSC 3321* | 0.01 | mg/kg |        | < 0.01 |       |        |        |
| Aromatic C10-C12                    | DETSC 3072# | 0.9  | mg/kg |        | < 0.9  |       |        |        |
| Aromatic C12-C16                    | DETSC 3072# | 0.5  | mg/kg |        | < 0.5  |       |        |        |
| Aromatic C16-C21                    | DETSC 3072# | 0.6  | mg/kg |        | < 0.6  |       |        |        |
| Aromatic C21-C35                    | DETSC 3072# | 1.4  | mg/kg |        | < 1.4  |       |        |        |
| Aromatic C35-C44                    | DETSC 3072* | 1.4  | mg/kg |        | < 1.4  |       |        |        |
| Aromatic C10-C44                    | DETSC 3072* | 10   | mg/kg |        | < 10   |       |        |        |
| Ali/Aro C10-C44                     | DETSC 3072* | 10   | mg/kg |        | < 10   |       |        |        |
| EPH (C10-C12)                       | DETSC 3311  | 10   | mg/kg | < 10   | < 10   | < 10  | < 10   | < 10   |

# Summary of Chemical Analysis

## Soil Samples

Our Ref 23-28329  
 Client Ref PN234595  
 Contract Title Pyramid Park

| Lab No        | 2270844    | 2270845    | 2270846    | 2270847    | 2270848    |
|---------------|------------|------------|------------|------------|------------|
| Sample ID     | TP102      | TP102      | TP103      | TP103      | TP104      |
| Depth         | 0.00-0.30  | 2.50-2.70  | 0.30-0.50  | 1.50-1.70  | 0.80-1.00  |
| Other ID      |            |            |            |            |            |
| Sample Type   | ES         | ES         | ES         | ES         | ES         |
| Sampling Date | 22/11/2023 | 22/11/2023 | 22/11/2023 | 22/11/2023 | 22/11/2023 |
| Sampling Time | n/s        | n/s        | n/s        | n/s        | n/s        |

| Test                    | Method      | LOD  | Units |        |        |        |        |        |
|-------------------------|-------------|------|-------|--------|--------|--------|--------|--------|
| EPH (C12-C16)           | DETSC 3311  | 10   | mg/kg | < 10   | < 10   | 41     | 12     | < 10   |
| EPH (C16-C21)           | DETSC 3311  | 10   | mg/kg | < 10   | < 10   | 190    | 74     | < 10   |
| EPH (C21-C36)           | DETSC 3311  | 10   | mg/kg | < 10   | < 10   | 400    | 160    | < 10   |
| EPH (C36-C40)           | DETSC 3311  | 10   | mg/kg | < 10   | < 10   | 36     | < 10   | < 10   |
| EPH (C10-C40)           | DETSC 3311# | 10   | mg/kg | < 10   | < 10   | 670    | 250    | 11     |
| Benzene                 | DETSC 3321# | 0.01 | mg/kg |        | < 0.01 |        | < 0.10 | < 0.01 |
| Ethylbenzene            | DETSC 3321# | 0.01 | mg/kg |        | < 0.01 |        | < 0.10 | < 0.01 |
| Toluene                 | DETSC 3321# | 0.01 | mg/kg |        | < 0.01 |        | < 0.10 | < 0.01 |
| Xylene                  | DETSC 3321# | 0.01 | mg/kg |        | < 0.01 |        | < 0.10 | < 0.01 |
| <b>PAHs</b>             |             |      |       |        |        |        |        |        |
| Naphthalene             | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 0.41   | 0.04   | 0.33   | < 0.03 |
| Acenaphthylene          | DETSC 3303# | 0.03 | mg/kg | < 0.03 | < 0.03 | < 0.03 | 0.20   | < 0.03 |
| Acenaphthene            | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 1.2    | 0.17   | 12     | 0.16   |
| Fluorene                | DETSC 3303  | 0.03 | mg/kg | < 0.03 | 0.66   | 0.07   | 13     | 0.17   |
| Phenanthrene            | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 2.6    | 0.54   | 15     | 0.37   |
| Anthracene              | DETSC 3303  | 0.03 | mg/kg | < 0.03 | 0.72   | 0.26   | 2.6    | 0.05   |
| Fluoranthene            | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 4.0    | 2.3    | 4.4    | 0.15   |
| Pyrene                  | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 3.7    | 2.0    | 2.7    | 0.11   |
| Benzo(a)anthracene      | DETSC 3303# | 0.03 | mg/kg | 0.04   | 1.0    | 0.65   | 0.48   | 0.04   |
| Chrysene                | DETSC 3303  | 0.03 | mg/kg | < 0.03 | 1.1    | 0.58   | 0.47   | < 0.03 |
| Benzo(b)fluoranthene    | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 0.90   | 0.57   | 0.30   | < 0.03 |
| Benzo(k)fluoranthene    | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 0.29   | 0.21   | 0.10   | < 0.03 |
| Benzo(a)pyrene          | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 0.68   | 0.39   | 0.22   | < 0.03 |
| Indeno(1,2,3-c,d)pyrene | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 0.22   | 0.14   | 0.08   | < 0.03 |
| Dibenzo(a,h)anthracene  | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 0.07   | 0.04   | < 0.03 | < 0.03 |
| Benzo(g,h,i)perylene    | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 0.31   | 0.20   | 0.11   | < 0.03 |
| PAH - USEPA 16, Total   | DETSC 3303  | 0.1  | mg/kg | < 0.10 | 18     | 8.1    | 52     | 1.1    |
| <b>Phenols</b>          |             |      |       |        |        |        |        |        |
| Phenol - Monohydric     | DETSC 2130# | 0.3  | mg/kg | < 0.3  | 2.2    | 0.6    | < 0.3  | 0.4    |

# Summary of Chemical Analysis

## Soil VOC/SVOC Samples

Our Ref 23-28329

Client Ref PN234595

Contract Title Pyramid Park

|               |            |            |
|---------------|------------|------------|
| Lab No        | 2270847    | 2270848    |
| Sample ID     | TP103      | TP104      |
| Depth         | 1.50-1.70  | 0.80-1.00  |
| Other ID      |            |            |
| Sample Type   | ES         | ES         |
| Sampling Date | 22/11/2023 | 22/11/2023 |
| Sampling Time | n/s        | n/s        |

| Test                       | Method      | LOD  | Units |        |        |
|----------------------------|-------------|------|-------|--------|--------|
| <b>VOCs</b>                |             |      |       |        |        |
| Vinyl Chloride             | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| 1,1 Dichloroethylene       | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| Trans-1,2-dichloroethylene | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| 1,1-dichloroethane         | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| Cis-1,2-dichloroethylene   | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| 2,2-dichloropropane        | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| Bromochloromethane         | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| Chloroform                 | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| 1,1,1-trichloroethane      | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| 1,1-dichloropropene        | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| Carbon tetrachloride       | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| Benzene                    | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| 1,2-dichloroethane         | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| Trichloroethylene          | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| 1,2-dichloropropane        | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| Dibromomethane             | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| Bromodichloromethane       | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| cis-1,3-dichloropropene    | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| Toluene                    | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| trans-1,3-dichloropropene  | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| 1,1,2-trichloroethane      | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| Tetrachloroethylene        | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| 1,3-dichloropropane        | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| Dibromochloromethane       | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| 1,2-dibromoethane          | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| Chlorobenzene              | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| 1,1,1,2-tetrachloroethane  | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| Ethylbenzene               | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| m+p-Xylene                 | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| o-Xylene                   | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| Styrene                    | DETSC 3431* | 0.01 | mg/kg | < 0.01 | < 0.01 |
| Bromoform                  | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| Isopropylbenzene           | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| Bromobenzene               | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| 1,2,3-trichloropropane     | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| n-propylbenzene            | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| 2-chlorotoluene            | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| 1,3,5-trimethylbenzene     | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| 4-chlorotoluene            | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| Tert-butylbenzene          | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| 1,2,4-trimethylbenzene     | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| sec-butylbenzene           | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |

# Summary of Chemical Analysis

## Soil VOC/SVOC Samples

Our Ref 23-28329  
Client Ref PN234595  
Contract Title Pyramid Park

|               |            |            |
|---------------|------------|------------|
| Lab No        | 2270847    | 2270848    |
| Sample ID     | TP103      | TP104      |
| Depth         | 1.50-1.70  | 0.80-1.00  |
| Other ID      |            |            |
| Sample Type   | ES         | ES         |
| Sampling Date | 22/11/2023 | 22/11/2023 |
| Sampling Time | n/s        | n/s        |

| Test                        | Method      | LOD  | Units |        |        |
|-----------------------------|-------------|------|-------|--------|--------|
| p-isopropyltoluene          | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| 1,3-dichlorobenzene         | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| 1,4-dichlorobenzene         | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| n-butylbenzene              | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| 1,2-dichlorobenzene         | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| 1,2-dibromo-3-chloropropane | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| 1,2,4-trichlorobenzene      | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| Hexachlorobutadiene         | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| 1,2,3-trichlorobenzene      | DETSC 3431  | 0.01 | mg/kg | < 0.01 | < 0.01 |
| MTBE                        | DETSC 3431* | 0.01 | mg/kg | < 0.01 | < 0.01 |
| <b>SVOCs</b>                |             |      |       |        |        |
| Phenol                      | DETSC 3433  | 0.1  | mg/kg | < 0.1  | < 0.1  |
| Aniline                     | DETSC 3433* | 0.1  | mg/kg | < 0.1  | < 0.1  |
| 2-Chlorophenol              | DETSC 3433  | 0.1  | mg/kg | < 0.1  | < 0.1  |
| Benzyl Alcohol              | DETSC 3433  | 0.1  | mg/kg | < 0.1  | < 0.1  |
| 2-Methylphenol              | DETSC 3433  | 0.1  | mg/kg | < 0.1  | < 0.1  |
| Bis(2-chloroisopropyl)ether | DETSC 3433  | 0.1  | mg/kg | < 0.1  | < 0.1  |
| 3&4-Methylphenol            | DETSC 3433  | 0.1  | mg/kg | < 0.1  | < 0.1  |
| 2,4-Dimethylphenol          | DETSC 3433  | 0.1  | mg/kg | < 0.1  | < 0.1  |
| Bis-(dichloroethoxy)methane | DETSC 3433  | 0.1  | mg/kg | < 0.1  | < 0.1  |
| 2,4-Dichlorophenol          | DETSC 3433  | 0.1  | mg/kg | < 0.1  | < 0.1  |
| 1,2,4-Trichlorobenzene      | DETSC 3433  | 0.1  | mg/kg | < 0.1  | < 0.1  |
| 4-Chloro-3-methylphenol     | DETSC 3433  | 0.1  | mg/kg | < 0.1  | < 0.1  |
| 2-Methylnaphthalene         | DETSC 3433  | 0.1  | mg/kg | 0.5    | < 0.1  |
| Hexachlorocyclopentadiene   | DETSC 3433* | 0.1  | mg/kg | < 0.1  | < 0.1  |
| 2,4,6-Trichlorophenol       | DETSC 3433  | 0.1  | mg/kg | < 0.1  | < 0.1  |
| 2,4,5-Trichlorophenol       | DETSC 3433* | 0.1  | mg/kg | < 0.1  | < 0.1  |
| 2-Chloronaphthalene         | DETSC 3433  | 0.1  | mg/kg | < 0.1  | < 0.1  |
| 2-Nitroaniline              | DETSC 3433* | 0.1  | mg/kg | < 0.1  | < 0.1  |
| 2,4-Dinitrotoluene          | DETSC 3433* | 0.1  | mg/kg | < 0.1  | < 0.1  |
| 3-Nitroaniline              | DETSC 3433* | 0.1  | mg/kg | < 0.1  | < 0.1  |
| 4-Nitrophenol               | DETSC 3433* | 0.1  | mg/kg | < 0.1  | < 0.1  |
| Dibenzofuran                | DETSC 3433  | 0.1  | mg/kg | 6.6    | < 0.1  |
| 2,6-Dinitrotoluene          | DETSC 3433  | 0.1  | mg/kg | < 0.1  | < 0.1  |
| 2,3,4,6-Tetrachlorophenol   | DETSC 3433* | 0.1  | mg/kg | < 0.1  | < 0.1  |
| Diethylphthalate            | DETSC 3433  | 0.1  | mg/kg | < 0.1  | < 0.1  |
| 4-Chlorophenylphenylether   | DETSC 3433* | 0.1  | mg/kg | < 0.1  | < 0.1  |
| 4-Nitroaniline              | DETSC 3433* | 0.1  | mg/kg | < 0.1  | < 0.1  |
| 2-Methyl-4,6-Dinitrophenol  | DETSC 3433* | 0.1  | mg/kg | < 0.1  | < 0.1  |
| Diphenylamine               | DETSC 3433  | 0.1  | mg/kg | < 0.1  | < 0.1  |
| 4-Bromophenylphenylether    | DETSC 3433  | 0.1  | mg/kg | < 0.1  | < 0.1  |

## Summary of Chemical Analysis

### Soil VOC/SVOC Samples

Our Ref 23-28329  
 Client Ref PN234595  
 Contract Title Pyramid Park

|               |            |            |
|---------------|------------|------------|
| Lab No        | 2270847    | 2270848    |
| Sample ID     | TP103      | TP104      |
| Depth         | 1.50-1.70  | 0.80-1.00  |
| Other ID      |            |            |
| Sample Type   | ES         | ES         |
| Sampling Date | 22/11/2023 | 22/11/2023 |
| Sampling Time | n/s        | n/s        |

| Test                       | Method      | LOD | Units |       |       |
|----------------------------|-------------|-----|-------|-------|-------|
| Hexachlorobenzene          | DETSC 3433  | 0.1 | mg/kg | < 0.1 | < 0.1 |
| Pentachlorophenol          | DETSC 3433* | 0.1 | mg/kg | < 0.1 | < 0.1 |
| Di-n-butylphthalate        | DETSC 3433  | 0.1 | mg/kg | < 0.1 | < 0.1 |
| Butylbenzylphthalate       | DETSC 3433* | 0.1 | mg/kg | < 0.1 | < 0.1 |
| Bis(2-ethylhexyl)phthalate | DETSC 3433  | 0.1 | mg/kg | < 0.1 | < 0.1 |
| Di-n-octylphthalate        | DETSC 3433* | 0.1 | mg/kg | < 0.1 | < 0.1 |
| 1,4-Dinitrobenzene         | DETSC 3433* | 0.1 | mg/kg | < 0.1 | < 0.1 |
| Dimethylphthalate          | DETSC 3433  | 0.1 | mg/kg | < 0.1 | < 0.1 |
| 1,3-Dinitrobenzene         | DETSC 3433* | 0.1 | mg/kg | < 0.1 | < 0.1 |
| 1,2-Dinitrobenzene         | DETSC 3433* | 0.1 | mg/kg | < 0.1 | < 0.1 |
| 2,3,5,6-Tetrachlorophenol  | DETSC 3433* | 0.1 | mg/kg | < 0.1 | < 0.1 |
| Azobenzene                 | DETSC 3433  | 0.1 | mg/kg | < 0.1 | < 0.1 |
| Carbazole                  | DETSC 3433* | 0.1 | mg/kg | < 0.1 | < 0.1 |

## Summary of Asbestos Analysis Soil Samples

*Our Ref* 23-28329

*Client Ref* PN234595

*Contract Title* Pyramid Park

| Lab No  | Sample ID       | Material Type | Result | Comment* | Analyst          |
|---------|-----------------|---------------|--------|----------|------------------|
| 2270844 | TP102 0.00-0.30 | SOIL          | NAD    | none     | Robertas Ciparis |
| 2270845 | TP102 2.50-2.70 | SOIL          | NAD    | none     | Robertas Ciparis |
| 2270846 | TP103 0.30-0.50 | SOIL          | NAD    | none     | Robertas Ciparis |
| 2270849 | TP104 2.20-2.40 | SOIL          | NAD    | none     | Robertas Ciparis |

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: \* - not included in laboratory scope of accreditation.

## Information in Support of the Analytical Results

Our Ref 23-28329  
 Client Ref PN234595  
 Contract Pyramid Park

### Containers Received & Deviating Samples

| Lab No  | Sample ID            | Date Sampled | Containers Received         | Holding time exceeded for tests          | inappropriate container for tests |
|---------|----------------------|--------------|-----------------------------|------------------------------------------|-----------------------------------|
| 2270844 | TP102 0.00-0.30 SOIL | 22/11/23     | GJ 250ml x2, GJ 60ml, PT 1L | pH + Conductivity (7 days)               |                                   |
| 2270845 | TP102 2.50-2.70 SOIL | 22/11/23     | GJ 250ml x2, GJ 60ml, PT 1L | pH + Conductivity (7 days)               |                                   |
| 2270846 | TP103 0.30-0.50 SOIL | 22/11/23     | GJ 250ml x2, GJ 60ml, PT 1L | pH + Conductivity (7 days)               |                                   |
| 2270847 | TP103 1.50-1.70 SOIL | 22/11/23     | GJ 250ml x2, GJ 60ml, PT 1L | pH + Conductivity (7 days), VOC (7 days) |                                   |
| 2270848 | TP104 0.80-1.00 SOIL | 22/11/23     | GJ 250ml x2, GJ 60ml, PT 1L | pH + Conductivity (7 days), VOC (7 days) |                                   |
| 2270849 | TP104 2.20-2.40 SOIL | 22/11/23     | GJ 250ml x2, GJ 60ml, PT 1L |                                          |                                   |

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



## Certificate of Analysis

**Certificate Number** 23-28332

**Issued:** 15-Dec-23

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 23-28332

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** Pyramid Park

**Description** 5 Soil samples.

**Date Received** 01-Dec-23

**Date Started** 01-Dec-23

**Date Completed** 15-Dec-23

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood  
General Manager



2139

# Summary of Chemical Analysis

## Soil Samples

Our Ref 23-28332

Client Ref PN234595

Contract Title Pyramid Park

| Lab No        | 2270859    | 2270860    | 2270861    | 2270862    | 2270863    |
|---------------|------------|------------|------------|------------|------------|
| Sample ID     | TP107      | TP107      | TP107      | TP121      | TP121      |
| Depth         | 0.50-0.70  | 1.50-1.70  | 3.30-3.50  | 1.00-1.30  | 3.20-3.40  |
| Other ID      |            |            |            |            |            |
| Sample Type   | ES         | ES         | ES         | ES         | ES         |
| Sampling Date | 22/11/2023 | 22/11/2023 | 22/11/2023 | 22/11/2023 | 22/11/2023 |
| Sampling Time | n/s        | n/s        | n/s        | n/s        | n/s        |

| Test                                | Method      | LOD  | Units |       |       |        |       |        |
|-------------------------------------|-------------|------|-------|-------|-------|--------|-------|--------|
| <b>Preparation</b>                  |             |      |       |       |       |        |       |        |
| Moisture Content                    | DETSC 1004  | 0.1  | %     | 22    | 19    | 21     | 17    | 13     |
| <b>Metals</b>                       |             |      |       |       |       |        |       |        |
| Arsenic                             | DETSC 2301# | 0.2  | mg/kg | 13    | 17    | 26     | 11    | 8.2    |
| Beryllium                           | DETSC 2301# | 0.2  | mg/kg | 0.8   | 0.8   | 1.5    | 0.9   | 0.7    |
| Boron, Water Soluble (2.5:1)        | DETSC 2311# | 0.2  | mg/kg | 0.4   | 1.1   | 1.3    | 0.3   | 0.5    |
| Cadmium                             | DETSC 2301# | 0.1  | mg/kg | 0.4   | 0.4   | 0.9    | 0.4   | 0.3    |
| Chromium                            | DETSC 2301# | 0.15 | mg/kg | 20    | 21    | 29     | 23    | 15     |
| Chromium, Hexavalent                | DETSC 2204* | 1    | mg/kg | < 1.0 | < 1.0 | < 1.0  | < 1.0 | < 1.0  |
| Copper                              | DETSC 2301# | 0.2  | mg/kg | 52    | 63    | 140    | 43    | 31     |
| Lead                                | DETSC 2301# | 0.3  | mg/kg | 100   | 140   | 850    | 49    | 55     |
| Mercury                             | DETSC 2325# | 0.05 | mg/kg | 0.09  | 0.10  | 0.24   | 0.22  | < 0.05 |
| Nickel                              | DETSC 2301# | 1    | mg/kg | 19    | 20    | 35     | 22    | 21     |
| Selenium                            | DETSC 2301# | 0.5  | mg/kg | < 0.5 | < 0.5 | < 0.5  | < 0.5 | < 0.5  |
| Vanadium                            | DETSC 2301# | 0.8  | mg/kg | 27    | 59    | 48     | 28    | 22     |
| Zinc                                | DETSC 2301# | 1    | mg/kg | 110   | 130   | 260    | 180   | 63     |
| <b>Inorganics</b>                   |             |      |       |       |       |        |       |        |
| pH                                  | DETSC 2008# |      | pH    | 7.7   | 7.6   | 8.1    | 7.9   | 8.4    |
| Cyanide, Total                      | DETSC 2130# | 0.1  | mg/kg | 0.2   | 0.4   | 1.4    | 0.1   | < 0.1  |
| Total Organic Carbon                | DETSC 2084# | 0.5  | %     |       |       |        | 1.8   |        |
| Sulphide                            | DETSC 2024* | 10   | mg/kg | 40    | 44    | 140    | 20    | 16     |
| Sulphate as SO <sub>4</sub> , Total | DETSC 2321# | 0.01 | %     | 0.07  | 0.10  | 0.14   | 0.03  | 0.05   |
| <b>Petroleum Hydrocarbons</b>       |             |      |       |       |       |        |       |        |
| Aliphatic C5-C6                     | DETSC 3321* | 0.01 | mg/kg |       |       | < 0.01 |       |        |
| Aliphatic C6-C8                     | DETSC 3321* | 0.01 | mg/kg |       |       | < 0.01 |       |        |
| Aliphatic C8-C10                    | DETSC 3321* | 0.01 | mg/kg |       |       | < 0.01 |       |        |
| Aliphatic C10-C12                   | DETSC 3072# | 1.5  | mg/kg |       |       | < 1.5  |       |        |
| Aliphatic C12-C16                   | DETSC 3072# | 1.2  | mg/kg |       |       | < 1.2  |       |        |
| Aliphatic C16-C21                   | DETSC 3072# | 1.5  | mg/kg |       |       | < 1.5  |       |        |
| Aliphatic C21-C35                   | DETSC 3072# | 3.4  | mg/kg |       |       | < 3.4  |       |        |
| Aliphatic C35-C44                   | DETSC 3072* | 3.4  | mg/kg |       |       | < 3.4  |       |        |
| Aliphatic C10-C44                   | DETSC 3072* | 10   | mg/kg |       |       | < 10   |       |        |
| Aromatic C5-C7                      | DETSC 3321* | 0.01 | mg/kg |       |       | < 0.01 |       |        |
| Aromatic C7-C8                      | DETSC 3321* | 0.01 | mg/kg |       |       | < 0.01 |       |        |
| Aromatic C8-C10                     | DETSC 3321* | 0.01 | mg/kg |       |       | < 0.01 |       |        |
| Aromatic C10-C12                    | DETSC 3072# | 0.9  | mg/kg |       |       | 18     |       |        |
| Aromatic C12-C16                    | DETSC 3072# | 0.5  | mg/kg |       |       | 32     |       |        |
| Aromatic C16-C21                    | DETSC 3072# | 0.6  | mg/kg |       |       | 45     |       |        |
| Aromatic C21-C35                    | DETSC 3072# | 1.4  | mg/kg |       |       | 47     |       |        |
| Aromatic C35-C44                    | DETSC 3072* | 1.4  | mg/kg |       |       | < 1.4  |       |        |
| Aromatic C10-C44                    | DETSC 3072* | 10   | mg/kg |       |       | 140    |       |        |
| Ali/Aro C10-C44                     | DETSC 3072* | 10   | mg/kg |       |       | 140    |       |        |

## Summary of Chemical Analysis

### Soil Samples

Our Ref 23-28332

Client Ref PN234595

Contract Title Pyramid Park

| Lab No        | 2270859    | 2270860    | 2270861    | 2270862    | 2270863    |
|---------------|------------|------------|------------|------------|------------|
| Sample ID     | TP107      | TP107      | TP107      | TP121      | TP121      |
| Depth         | 0.50-0.70  | 1.50-1.70  | 3.30-3.50  | 1.00-1.30  | 3.20-3.40  |
| Other ID      |            |            |            |            |            |
| Sample Type   | ES         | ES         | ES         | ES         | ES         |
| Sampling Date | 22/11/2023 | 22/11/2023 | 22/11/2023 | 22/11/2023 | 22/11/2023 |
| Sampling Time | n/s        | n/s        | n/s        | n/s        | n/s        |

| Test                    | Method      | LOD  | Units |        |      |        |        |        |
|-------------------------|-------------|------|-------|--------|------|--------|--------|--------|
| EPH (C10-C12)           | DETSC 3311  | 10   | mg/kg | < 10   | < 10 | 39     | < 10   | < 10   |
| EPH (C12-C16)           | DETSC 3311  | 10   | mg/kg | < 10   | 14   | 320    | < 10   | < 10   |
| EPH (C16-C21)           | DETSC 3311  | 10   | mg/kg | < 10   | 63   | 1600   | < 10   | < 10   |
| EPH (C21-C36)           | DETSC 3311  | 10   | mg/kg | 12     | 120  | 3100   | < 10   | < 10   |
| EPH (C36-C40)           | DETSC 3311  | 10   | mg/kg | < 10   | < 10 | 190    | < 10   | < 10   |
| EPH (C10-C40)           | DETSC 3311# | 10   | mg/kg | 24     | 200  | 5200   | < 10   | < 10   |
| Benzene                 | DETSC 3321# | 0.01 | mg/kg |        |      | < 0.01 |        |        |
| Ethylbenzene            | DETSC 3321# | 0.01 | mg/kg |        |      | < 0.01 |        |        |
| Toluene                 | DETSC 3321# | 0.01 | mg/kg |        |      | < 0.01 |        |        |
| Xylene                  | DETSC 3321# | 0.01 | mg/kg |        |      | < 0.01 |        |        |
| <b>PAHs</b>             |             |      |       |        |      |        |        |        |
| Naphthalene             | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 0.54 | 2.4    | < 0.03 | < 0.03 |
| Acenaphthylene          | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 0.05 | 0.10   | < 0.03 | < 0.03 |
| Acenaphthene            | DETSC 3303# | 0.03 | mg/kg | 0.11   | 2.0  | 6.0    | 0.06   | 0.03   |
| Fluorene                | DETSC 3303  | 0.03 | mg/kg | < 0.03 | 1.1  | 3.9    | 0.04   | < 0.03 |
| Phenanthrene            | DETSC 3303# | 0.03 | mg/kg | 0.51   | 4.9  | 19     | 0.26   | 0.16   |
| Anthracene              | DETSC 3303  | 0.03 | mg/kg | 0.08   | 0.81 | 5.2    | 0.08   | 0.03   |
| Fluoranthene            | DETSC 3303# | 0.03 | mg/kg | 0.74   | 5.4  | 24     | 0.41   | 0.22   |
| Pyrene                  | DETSC 3303# | 0.03 | mg/kg | 0.76   | 5.1  | 22     | 0.42   | 0.23   |
| Benzo(a)anthracene      | DETSC 3303# | 0.03 | mg/kg | 0.24   | 1.4  | 10     | 0.14   | 0.09   |
| Chrysene                | DETSC 3303  | 0.03 | mg/kg | 0.29   | 1.7  | 7.3    | 0.17   | 0.12   |
| Benzo(b)fluoranthene    | DETSC 3303# | 0.03 | mg/kg | 0.28   | 1.6  | 7.7    | 0.18   | 0.13   |
| Benzo(k)fluoranthene    | DETSC 3303# | 0.03 | mg/kg | 0.11   | 0.59 | 2.5    | 0.06   | 0.04   |
| Benzo(a)pyrene          | DETSC 3303# | 0.03 | mg/kg | 0.21   | 1.2  | 6.4    | 0.14   | 0.10   |
| Indeno(1,2,3-c,d)pyrene | DETSC 3303# | 0.03 | mg/kg | 0.08   | 0.33 | 1.9    | 0.05   | 0.04   |
| Dibenzo(a,h)anthracene  | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 0.11 | 0.60   | < 0.03 | < 0.03 |
| Benzo(g,h,i)perylene    | DETSC 3303# | 0.03 | mg/kg | 0.10   | 0.43 | 2.5    | 0.07   | 0.05   |
| PAH - USEPA 16, Total   | DETSC 3303  | 0.1  | mg/kg | 3.5    | 27   | 120    | 2.1    | 1.2    |
| <b>Phenols</b>          |             |      |       |        |      |        |        |        |
| Phenol - Monohydric     | DETSC 2130# | 0.3  | mg/kg | < 0.3  | 0.4  | 0.6    | < 0.3  | < 0.3  |

## Summary of Asbestos Analysis Soil Samples

*Our Ref* 23-28332

*Client Ref* PN234595

*Contract Title* Pyramid Park

| Lab No  | Sample ID       | Material Type | Result | Comment* | Analyst          |
|---------|-----------------|---------------|--------|----------|------------------|
| 2270862 | TP121 1.00-1.30 | SOIL          | NAD    | none     | Robertas Ciparis |

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: \* - not included in laboratory scope of accreditation.

## Information in Support of the Analytical Results

Our Ref 23-28332  
 Client Ref PN234595  
 Contract Pyramid Park

### Containers Received & Deviating Samples

|         |                      |          |                             |                                 | Inappropriate container for tests |
|---------|----------------------|----------|-----------------------------|---------------------------------|-----------------------------------|
|         |                      | Date     |                             |                                 |                                   |
| Lab No  | Sample ID            | Sampled  | Containers Received         | Holding time exceeded for tests |                                   |
| 2270859 | TP107 0.50-0.70 SOIL | 22/11/23 | GJ 250ml x2, GJ 60ml, PT 1L | pH + Conductivity (7 days)      |                                   |
| 2270860 | TP107 1.50-1.70 SOIL | 22/11/23 | GJ 250ml x2, GJ 60ml, PT 1L | pH + Conductivity (7 days)      |                                   |
| 2270861 | TP107 3.30-3.50 SOIL | 22/11/23 | GJ 250ml x2, GJ 60ml, PT 1L | pH + Conductivity (7 days)      |                                   |
| 2270862 | TP121 1.00-1.30 SOIL | 22/11/23 | GJ 250ml x2, GJ 60ml, PT 1L | pH + Conductivity (7 days)      |                                   |
| 2270863 | TP121 3.20-3.40 SOIL | 22/11/23 | GJ 250ml x2, GJ 60ml, PT 1L | pH + Conductivity (7 days)      |                                   |

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



## Certificate of Analysis

**Certificate Number** 23-28630

**Issued:** 15-Dec-23

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 23-28630

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** Pyramid Park

**Description** One Soil sample.

**Date Received** 05-Dec-23

**Date Started** 05-Dec-23

**Date Completed** 15-Dec-23

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood  
General Manager



2139

# Summary of Chemical Analysis

## Soil Samples

Our Ref 23-28630

Client Ref PN234595

Contract Title Pyramid Park

|               |            |
|---------------|------------|
| Lab No        | 2272317    |
| Sample ID     | BH108      |
| Depth         | 0.50       |
| Other ID      |            |
| Sample Type   | ES         |
| Sampling Date | 23/11/2023 |
| Sampling Time | n/s        |

| Test                                | Method      | LOD  | Units |        |
|-------------------------------------|-------------|------|-------|--------|
| <b>Preparation</b>                  |             |      |       |        |
| Moisture Content                    | DETSC 1004  | 0.1  | %     | 6.0    |
| <b>Metals</b>                       |             |      |       |        |
| Arsenic                             | DETSC 2301# | 0.2  | mg/kg | 5.7    |
| Beryllium                           | DETSC 2301# | 0.2  | mg/kg | 0.5    |
| Boron, Water Soluble (2.5:1)        | DETSC 2311# | 0.2  | mg/kg | 0.2    |
| Cadmium                             | DETSC 2301# | 0.1  | mg/kg | 0.2    |
| Chromium                            | DETSC 2301# | 0.15 | mg/kg | 22     |
| Chromium, Hexavalent                | DETSC 2204* | 1    | mg/kg | < 1.0  |
| Copper                              | DETSC 2301# | 0.2  | mg/kg | 19     |
| Lead                                | DETSC 2301# | 0.3  | mg/kg | 12     |
| Mercury                             | DETSC 2325# | 0.05 | mg/kg | < 0.05 |
| Nickel                              | DETSC 2301# | 1    | mg/kg | 22     |
| Selenium                            | DETSC 2301# | 0.5  | mg/kg | < 0.5  |
| Vanadium                            | DETSC 2301# | 0.8  | mg/kg | 27     |
| Zinc                                | DETSC 2301# | 1    | mg/kg | 89     |
| <b>Inorganics</b>                   |             |      |       |        |
| pH                                  | DETSC 2008# |      | pH    | 7.8    |
| Cyanide, Total                      | DETSC 2130# | 0.1  | mg/kg | < 0.1  |
| Sulphide                            | DETSC 2024* | 10   | mg/kg | 39     |
| Sulphate as SO <sub>4</sub> , Total | DETSC 2321# | 0.01 | %     | 0.02   |
| <b>Petroleum Hydrocarbons</b>       |             |      |       |        |
| EPH (C10-C12)                       | DETSC 3311  | 10   | mg/kg | < 10   |
| EPH (C12-C16)                       | DETSC 3311  | 10   | mg/kg | < 10   |
| EPH (C16-C21)                       | DETSC 3311  | 10   | mg/kg | < 10   |
| EPH (C21-C36)                       | DETSC 3311  | 10   | mg/kg | 36     |
| EPH (C36-C40)                       | DETSC 3311  | 10   | mg/kg | < 10   |
| EPH (C10-C40)                       | DETSC 3311# | 10   | mg/kg | 49     |
| <b>PAHs</b>                         |             |      |       |        |
| Naphthalene                         | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Acenaphthylene                      | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Acenaphthene                        | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Fluorene                            | DETSC 3303  | 0.03 | mg/kg | < 0.03 |
| Phenanthrene                        | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Anthracene                          | DETSC 3303  | 0.03 | mg/kg | < 0.03 |
| Fluoranthene                        | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Pyrene                              | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Benzo(a)anthracene                  | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Chrysene                            | DETSC 3303  | 0.03 | mg/kg | < 0.03 |
| Benzo(b)fluoranthene                | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Benzo(k)fluoranthene                | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Benzo(a)pyrene                      | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Indeno(1,2,3-c,d)pyrene             | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Dibenzo(a,h)anthracene              | DETSC 3303# | 0.03 | mg/kg | < 0.03 |

## Summary of Chemical Analysis

### Soil Samples

Our Ref 23-28630  
 Client Ref PN234595  
 Contract Title Pyramid Park

|               |            |
|---------------|------------|
| Lab No        | 2272317    |
| Sample ID     | BH108      |
| Depth         | 0.50       |
| Other ID      |            |
| Sample Type   | ES         |
| Sampling Date | 23/11/2023 |
| Sampling Time | n/s        |

| Test                  | Method      | LOD  | Units |        |
|-----------------------|-------------|------|-------|--------|
| Benzo(g,h,i)perylene  | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| PAH - USEPA 16, Total | DETSC 3303  | 0.1  | mg/kg | < 0.10 |
| <b>Phenols</b>        |             |      |       |        |
| Phenol - Monohydric   | DETSC 2130# | 0.3  | mg/kg | < 0.3  |

## Information in Support of the Analytical Results

Our Ref 23-28630  
 Client Ref PN234595  
 Contract Pyramid Park

### Containers Received & Deviating Samples

| Lab No  | Sample ID       | Date     |  | Containers Received         | Holding time exceeded for tests | inappropriate container for tests |
|---------|-----------------|----------|--|-----------------------------|---------------------------------|-----------------------------------|
|         |                 | Sampled  |  |                             |                                 |                                   |
| 2272317 | BH108 0.50 SOIL | 23/11/23 |  | GJ 250ml x2, GJ 60ml, PT 1L | pH + Conductivity (7 days)      |                                   |

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



## Certificate of Analysis

**Certificate Number** 23-28631

**Issued:** 15-Dec-23

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 23-28631

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** Pyramid Park

**Description** 4 Soil samples.

**Date Received** 05-Dec-23

**Date Started** 05-Dec-23

**Date Completed** 15-Dec-23

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood  
General Manager



2139

# Summary of Chemical Analysis

## Soil Samples

Our Ref 23-28631

Client Ref PN234595

Contract Title Pyramid Park

| Lab No        | 2272318    | 2272319    | 2272320    | 2272321    |
|---------------|------------|------------|------------|------------|
| Sample ID     | TP119      | TP119      | TP101      | TP101      |
| Depth         | 1.00-1.20  | 3.00-3.40  | 0.30-0.50  | 0.80-1.00  |
| Other ID      |            |            |            |            |
| Sample Type   | ES         | ES         | ES         | ES         |
| Sampling Date | 24/11/2023 | 24/11/2023 | 22/11/2023 | 22/11/2023 |
| Sampling Time | n/s        | n/s        | n/s        | n/s        |

| Test                                | Method      | LOD  | Units |        |       |        |        |
|-------------------------------------|-------------|------|-------|--------|-------|--------|--------|
| <b>Preparation</b>                  |             |      |       |        |       |        |        |
| Moisture Content                    | DETSC 1004  | 0.1  | %     | 23     | 18    | 18     | 17     |
| <b>Metals</b>                       |             |      |       |        |       |        |        |
| Arsenic                             | DETSC 2301# | 0.2  | mg/kg | 15     | 12    | 9.6    | 9.0    |
| Beryllium                           | DETSC 2301# | 0.2  | mg/kg | 0.6    | 0.6   | 1.0    | 1.1    |
| Boron, Water Soluble (2.5:1)        | DETSC 2311# | 0.2  | mg/kg | 0.5    | 0.5   | < 0.2  | < 0.2  |
| Cadmium                             | DETSC 2301# | 0.1  | mg/kg | 0.5    | 0.3   | 0.4    | 0.3    |
| Chromium                            | DETSC 2301# | 0.15 | mg/kg | 32     | 12    | 25     | 29     |
| Chromium, Hexavalent                | DETSC 2204* | 1    | mg/kg | < 1.0  | < 1.0 | < 1.0  | < 1.0  |
| Copper                              | DETSC 2301# | 0.2  | mg/kg | 44     | 49    | 40     | 42     |
| Lead                                | DETSC 2301# | 0.3  | mg/kg | 75     | 140   | 26     | 24     |
| Mercury                             | DETSC 2325# | 0.05 | mg/kg | 0.07   | 0.06  | < 0.05 | < 0.05 |
| Nickel                              | DETSC 2301# | 1    | mg/kg | 18     | 13    | 35     | 40     |
| Selenium                            | DETSC 2301# | 0.5  | mg/kg | < 0.5  | < 0.5 | < 0.5  | < 0.5  |
| Vanadium                            | DETSC 2301# | 0.8  | mg/kg | 75     | 24    | 30     | 33     |
| Zinc                                | DETSC 2301# | 1    | mg/kg | 93     | 120   | 92     | 91     |
| <b>Inorganics</b>                   |             |      |       |        |       |        |        |
| pH                                  | DETSC 2008# |      | pH    | 7.4    | 8.2   | 8.2    | 8.3    |
| Cyanide, Total                      | DETSC 2130# | 0.1  | mg/kg | 0.3    | 0.4   | < 0.1  | < 0.1  |
| Sulphide                            | DETSC 2024* | 10   | mg/kg | 110    | 87    | 95     | 55     |
| Sulphate as SO <sub>4</sub> , Total | DETSC 2321# | 0.01 | %     | 0.08   | 0.09  | 0.08   | 0.07   |
| <b>Petroleum Hydrocarbons</b>       |             |      |       |        |       |        |        |
| EPH (C10-C12)                       | DETSC 3311  | 10   | mg/kg | < 10   | < 10  | < 10   | < 10   |
| EPH (C12-C16)                       | DETSC 3311  | 10   | mg/kg | < 10   | 36    | < 10   | < 10   |
| EPH (C16-C21)                       | DETSC 3311  | 10   | mg/kg | < 10   | 190   | 16     | < 10   |
| EPH (C21-C36)                       | DETSC 3311  | 10   | mg/kg | 11     | 560   | 93     | < 10   |
| EPH (C36-C40)                       | DETSC 3311  | 10   | mg/kg | < 10   | 60    | < 10   | < 10   |
| EPH (C10-C40)                       | DETSC 3311# | 10   | mg/kg | 14     | 860   | 120    | < 10   |
| <b>PAHs</b>                         |             |      |       |        |       |        |        |
| Naphthalene                         | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 1.3   | < 0.03 | < 0.03 |
| Acenaphthylene                      | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 0.10  | < 0.03 | < 0.03 |
| Acenaphthene                        | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 4.0   | 0.05   | < 0.03 |
| Fluorene                            | DETSC 3303  | 0.03 | mg/kg | < 0.03 | 2.9   | < 0.03 | < 0.03 |
| Phenanthrene                        | DETSC 3303# | 0.03 | mg/kg | 0.09   | 13    | 0.34   | 0.05   |
| Anthracene                          | DETSC 3303  | 0.03 | mg/kg | < 0.03 | 4.0   | 0.06   | < 0.03 |
| Fluoranthene                        | DETSC 3303# | 0.03 | mg/kg | 0.14   | 13    | 0.54   | 0.05   |
| Pyrene                              | DETSC 3303# | 0.03 | mg/kg | 0.12   | 12    | 0.49   | 0.05   |
| Benzo(a)anthracene                  | DETSC 3303# | 0.03 | mg/kg | 0.04   | 4.3   | 0.19   | < 0.03 |
| Chrysene                            | DETSC 3303  | 0.03 | mg/kg | 0.06   | 4.1   | 0.26   | 0.04   |
| Benzo(b)fluoranthene                | DETSC 3303# | 0.03 | mg/kg | 0.03   | 3.8   | 0.19   | < 0.03 |
| Benzo(k)fluoranthene                | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 1.4   | 0.08   | < 0.03 |
| Benzo(a)pyrene                      | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 3.0   | 0.12   | < 0.03 |
| Indeno(1,2,3-c,d)pyrene             | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 0.91  | 0.09   | < 0.03 |

## Summary of Chemical Analysis Soil Samples

Our Ref 23-28631  
Client Ref PN234595  
Contract Title Pyramid Park

|               |            |            |            |            |
|---------------|------------|------------|------------|------------|
| Lab No        | 2272318    | 2272319    | 2272320    | 2272321    |
| Sample ID     | TP119      | TP119      | TP101      | TP101      |
| Depth         | 1.00-1.20  | 3.00-3.40  | 0.30-0.50  | 0.80-1.00  |
| Other ID      |            |            |            |            |
| Sample Type   | ES         | ES         | ES         | ES         |
| Sampling Date | 24/11/2023 | 24/11/2023 | 22/11/2023 | 22/11/2023 |
| Sampling Time | n/s        | n/s        | n/s        | n/s        |

| Test                   | Method     | LOD  | Units |        |      |        |        |
|------------------------|------------|------|-------|--------|------|--------|--------|
| Dibenzo(a,h)anthracene | DETS 3303# | 0.03 | mg/kg | < 0.03 | 0.21 | < 0.03 | < 0.03 |
| Benzo(g,h,i)perylene   | DETS 3303# | 0.03 | mg/kg | < 0.03 | 1.1  | 0.09   | < 0.03 |
| PAH - USEPA 16, Total  | DETS 3303  | 0.1  | mg/kg | 0.46   | 70   | 2.5    | 0.19   |
| <b>Phenols</b>         |            |      |       |        |      |        |        |
| Phenol - Monohydric    | DETS 2130# | 0.3  | mg/kg | < 0.3  | 0.4  | < 0.3  | 0.5    |

## Summary of Asbestos Analysis Soil Samples

*Our Ref* 23-28631

*Client Ref* PN234595

*Contract Title* Pyramid Park

| Lab No  | Sample ID       | Material Type | Result | Comment* | Analyst      |
|---------|-----------------|---------------|--------|----------|--------------|
| 2272318 | TP119 1.00-1.20 | SOIL          | NAD    | none     | Lee Kerridge |

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: \* - not included in laboratory scope of accreditation.

## Information in Support of the Analytical Results

Our Ref 23-28631  
 Client Ref PN234595  
 Contract Pyramid Park

### Containers Received & Deviating Samples

| Lab No  | Sample ID            | Date     | Containers Received         | Holding time exceeded for tests | Inappropriate container for tests |
|---------|----------------------|----------|-----------------------------|---------------------------------|-----------------------------------|
|         |                      | Sampled  |                             |                                 |                                   |
| 2272318 | TP119 1.00-1.20 SOIL | 24/11/23 | GJ 250ml x2, GJ 60ml, PT 1L | pH + Conductivity (7 days)      |                                   |
| 2272319 | TP119 3.00-3.40 SOIL | 24/11/23 | GJ 250ml x2, GJ 60ml, PT 1L | pH + Conductivity (7 days)      |                                   |
| 2272320 | TP101 0.30-0.50 SOIL | 22/11/23 | GJ 250ml x2, GJ 60ml, PT 1L | pH + Conductivity (7 days)      |                                   |
| 2272321 | TP101 0.80-1.00 SOIL | 22/11/23 | GJ 250ml x2, GJ 60ml, PT 1L | pH + Conductivity (7 days)      |                                   |

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



## Certificate of Analysis

**Certificate Number** 23-28632

**Issued:** 15-Dec-23

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 23-28632

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** Pyramid Park

**Description** One Soil sample.

**Date Received** 05-Dec-23

**Date Started** 05-Dec-23

**Date Completed** 15-Dec-23

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood  
General Manager



2139

# Summary of Chemical Analysis

## Soil Samples

Our Ref 23-28632

Client Ref PN234595

Contract Title Pyramid Park

|               |            |
|---------------|------------|
| Lab No        | 2272322    |
| Sample ID     | TP120      |
| Depth         | 0.60-0.90  |
| Other ID      |            |
| Sample Type   | ES         |
| Sampling Date | 20/11/2023 |
| Sampling Time | n/s        |

| Test                                | Method      | LOD  | Units |        |
|-------------------------------------|-------------|------|-------|--------|
| <b>Preparation</b>                  |             |      |       |        |
| Moisture Content                    | DETSC 1004  | 0.1  | %     | 10     |
| <b>Metals</b>                       |             |      |       |        |
| Arsenic                             | DETSC 2301# | 0.2  | mg/kg | 7.5    |
| Beryllium                           | DETSC 2301# | 0.2  | mg/kg | 0.7    |
| Boron, Water Soluble (2.5:1)        | DETSC 2311# | 0.2  | mg/kg | < 0.2  |
| Cadmium                             | DETSC 2301# | 0.1  | mg/kg | 0.2    |
| Chromium                            | DETSC 2301# | 0.15 | mg/kg | 17     |
| Chromium, Hexavalent                | DETSC 2204* | 1    | mg/kg | < 1.0  |
| Copper                              | DETSC 2301# | 0.2  | mg/kg | 25     |
| Lead                                | DETSC 2301# | 0.3  | mg/kg | 12     |
| Mercury                             | DETSC 2325# | 0.05 | mg/kg | < 0.05 |
| Nickel                              | DETSC 2301# | 1    | mg/kg | 26     |
| Selenium                            | DETSC 2301# | 0.5  | mg/kg | < 0.5  |
| Vanadium                            | DETSC 2301# | 0.8  | mg/kg | 22     |
| Zinc                                | DETSC 2301# | 1    | mg/kg | 58     |
| <b>Inorganics</b>                   |             |      |       |        |
| pH                                  | DETSC 2008# |      | pH    | 8.3    |
| Cyanide, Total                      | DETSC 2130# | 0.1  | mg/kg | < 0.1  |
| Sulphide                            | DETSC 2024* | 10   | mg/kg | 39     |
| Sulphate as SO <sub>4</sub> , Total | DETSC 2321# | 0.01 | %     | 0.03   |
| <b>Petroleum Hydrocarbons</b>       |             |      |       |        |
| EPH (C10-C12)                       | DETSC 3311  | 10   | mg/kg | < 10   |
| EPH (C12-C16)                       | DETSC 3311  | 10   | mg/kg | < 10   |
| EPH (C16-C21)                       | DETSC 3311  | 10   | mg/kg | < 10   |
| EPH (C21-C36)                       | DETSC 3311  | 10   | mg/kg | < 10   |
| EPH (C36-C40)                       | DETSC 3311  | 10   | mg/kg | < 10   |
| EPH (C10-C40)                       | DETSC 3311# | 10   | mg/kg | < 10   |
| <b>PAHs</b>                         |             |      |       |        |
| Naphthalene                         | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Acenaphthylene                      | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Acenaphthene                        | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Fluorene                            | DETSC 3303  | 0.03 | mg/kg | < 0.03 |
| Phenanthrene                        | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Anthracene                          | DETSC 3303  | 0.03 | mg/kg | < 0.03 |
| Fluoranthene                        | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Pyrene                              | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Benzo(a)anthracene                  | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Chrysene                            | DETSC 3303  | 0.03 | mg/kg | < 0.03 |
| Benzo(b)fluoranthene                | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Benzo(k)fluoranthene                | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Benzo(a)pyrene                      | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Indeno(1,2,3-c,d)pyrene             | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Dibenzo(a,h)anthracene              | DETSC 3303# | 0.03 | mg/kg | < 0.03 |

## Summary of Chemical Analysis

### Soil Samples

Our Ref 23-28632  
 Client Ref PN234595  
 Contract Title Pyramid Park

|               |            |
|---------------|------------|
| Lab No        | 2272322    |
| Sample ID     | TP120      |
| Depth         | 0.60-0.90  |
| Other ID      |            |
| Sample Type   | ES         |
| Sampling Date | 20/11/2023 |
| Sampling Time | n/s        |

| Test                  | Method      | LOD  | Units |        |
|-----------------------|-------------|------|-------|--------|
| Benzo(g,h,i)perylene  | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| PAH - USEPA 16, Total | DETSC 3303  | 0.1  | mg/kg | < 0.10 |
| <b>Phenols</b>        |             |      |       |        |
| Phenol - Monohydric   | DETSC 2130# | 0.3  | mg/kg | 0.4    |

## Information in Support of the Analytical Results

Our Ref 23-28632  
 Client Ref PN234595  
 Contract Pyramid Park

### Containers Received & Deviating Samples

| Lab No  | Sample ID            | Date Sampled | Containers Received         | Holding time exceeded for tests                                                                                     | Inappropriate container for tests |
|---------|----------------------|--------------|-----------------------------|---------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| 2272322 | TP120 0.60-0.90 SOIL | 20/11/23     | GJ 250ml x2, GJ 60ml, PT 1L | Naphthalene (14 days), PAH MS (14 days), pH + Conductivity (7 days), Cyanide/Mono pHoh (14 days), EPH/TPH (14 days) |                                   |

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.  
 Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.  
 The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-  
 Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



## Certificate of Analysis

**Certificate Number** 23-28633

**Issued:** 19-Dec-23

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 23-28633

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** Pyramid Park

**Description** One Soil sample.

**Date Received** 05-Dec-23

**Date Started** 05-Dec-23

**Date Completed** 19-Dec-23

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood  
General Manager



2139

# Summary of Chemical Analysis

## Soil Samples

Our Ref 23-28633

Client Ref PN234595

Contract Title Pyramid Park

|               |            |
|---------------|------------|
| Lab No        | 2272323    |
| Sample ID     | TP122      |
| Depth         | 0.40-0.80  |
| Other ID      |            |
| Sample Type   | ES         |
| Sampling Date | 23/11/2023 |
| Sampling Time | n/s        |

| Test                                | Method      | LOD  | Units |        |
|-------------------------------------|-------------|------|-------|--------|
| <b>Preparation</b>                  |             |      |       |        |
| Moisture Content                    | DETSC 1004  | 0.1  | %     | 11     |
| <b>Metals</b>                       |             |      |       |        |
| Arsenic                             | DETSC 2301# | 0.2  | mg/kg | 12     |
| Beryllium                           | DETSC 2301# | 0.2  | mg/kg | 1.5    |
| Boron, Water Soluble (2.5:1)        | DETSC 2311# | 0.2  | mg/kg | 0.4    |
| Cadmium                             | DETSC 2301# | 0.1  | mg/kg | 0.6    |
| Chromium                            | DETSC 2301# | 0.15 | mg/kg | 14     |
| Chromium, Hexavalent                | DETSC 2204* | 1    | mg/kg | < 1.0  |
| Copper                              | DETSC 2301# | 0.2  | mg/kg | 82     |
| Lead                                | DETSC 2301# | 0.3  | mg/kg | 83     |
| Mercury                             | DETSC 2325# | 0.05 | mg/kg | 0.10   |
| Nickel                              | DETSC 2301# | 1    | mg/kg | 23     |
| Selenium                            | DETSC 2301# | 0.5  | mg/kg | < 0.5  |
| Vanadium                            | DETSC 2301# | 0.8  | mg/kg | 37     |
| Zinc                                | DETSC 2301# | 1    | mg/kg | 130    |
| <b>Inorganics</b>                   |             |      |       |        |
| pH                                  | DETSC 2008# |      | pH    | 10.3   |
| Cyanide, Total                      | DETSC 2130# | 0.1  | mg/kg | 0.2    |
| Sulphide                            | DETSC 2024* | 10   | mg/kg | 260    |
| Sulphate as SO <sub>4</sub> , Total | DETSC 2321# | 0.01 | %     | 0.24   |
| <b>Petroleum Hydrocarbons</b>       |             |      |       |        |
| Aliphatic C5-C6                     | DETSC 3321* | 0.01 | mg/kg | < 0.01 |
| Aliphatic C6-C8                     | DETSC 3321* | 0.01 | mg/kg | < 0.01 |
| Aliphatic C8-C10                    | DETSC 3321* | 0.01 | mg/kg | < 0.01 |
| Aliphatic C10-C12                   | DETSC 3072# | 1.5  | mg/kg | < 1.5  |
| Aliphatic C12-C16                   | DETSC 3072# | 1.2  | mg/kg | < 1.2  |
| Aliphatic C16-C21                   | DETSC 3072# | 1.5  | mg/kg | < 1.5  |
| Aliphatic C21-C35                   | DETSC 3072# | 3.4  | mg/kg | < 3.4  |
| Aliphatic C35-C44                   | DETSC 3072* | 3.4  | mg/kg | < 3.4  |
| Aliphatic C10-C44                   | DETSC 3072* | 10   | mg/kg | < 10   |
| Aromatic C5-C7                      | DETSC 3321* | 0.01 | mg/kg | < 0.01 |
| Aromatic C7-C8                      | DETSC 3321* | 0.01 | mg/kg | < 0.01 |
| Aromatic C8-C10                     | DETSC 3321* | 0.01 | mg/kg | < 0.01 |
| Aromatic C10-C12                    | DETSC 3072# | 0.9  | mg/kg | < 0.9  |
| Aromatic C12-C16                    | DETSC 3072# | 0.5  | mg/kg | 2.8    |
| Aromatic C16-C21                    | DETSC 3072# | 0.6  | mg/kg | 39     |
| Aromatic C21-C35                    | DETSC 3072# | 1.4  | mg/kg | 60     |
| Aromatic C35-C44                    | DETSC 3072* | 1.4  | mg/kg | < 1.4  |
| Aromatic C10-C44                    | DETSC 3072* | 10   | mg/kg | 100    |
| Ali/Aro C10-C44                     | DETSC 3072* | 10   | mg/kg | 100    |
| EPH (C10-C12)                       | DETSC 3311  | 10   | mg/kg | < 10   |
| EPH (C12-C16)                       | DETSC 3311  | 10   | mg/kg | < 10   |

## Summary of Chemical Analysis

### Soil Samples

Our Ref 23-28633  
 Client Ref PN234595  
 Contract Title Pyramid Park

|               |            |
|---------------|------------|
| Lab No        | 2272323    |
| Sample ID     | TP122      |
| Depth         | 0.40-0.80  |
| Other ID      |            |
| Sample Type   | ES         |
| Sampling Date | 23/11/2023 |
| Sampling Time | n/s        |

| Test                    | Method      | LOD  | Units |        |
|-------------------------|-------------|------|-------|--------|
| EPH (C16-C21)           | DETSC 3311  | 10   | mg/kg | 37     |
| EPH (C21-C36)           | DETSC 3311  | 10   | mg/kg | 91     |
| EPH (C36-C40)           | DETSC 3311  | 10   | mg/kg | < 10   |
| EPH (C10-C40)           | DETSC 3311# | 10   | mg/kg | 140    |
| Benzene                 | DETSC 3321# | 0.01 | mg/kg | < 0.01 |
| Ethylbenzene            | DETSC 3321# | 0.01 | mg/kg | < 0.01 |
| Toluene                 | DETSC 3321# | 0.01 | mg/kg | < 0.01 |
| Xylene                  | DETSC 3321# | 0.01 | mg/kg | < 0.01 |
| <b>PAHs</b>             |             |      |       |        |
| Naphthalene             | DETSC 3303# | 0.03 | mg/kg | 0.18   |
| Acenaphthylene          | DETSC 3303# | 0.03 | mg/kg | 0.03   |
| Acenaphthene            | DETSC 3303# | 0.03 | mg/kg | 1.7    |
| Fluorene                | DETSC 3303  | 0.03 | mg/kg | 0.71   |
| Phenanthrene            | DETSC 3303# | 0.03 | mg/kg | 4.6    |
| Anthracene              | DETSC 3303  | 0.03 | mg/kg | 1.2    |
| Fluoranthene            | DETSC 3303# | 0.03 | mg/kg | 7.5    |
| Pyrene                  | DETSC 3303# | 0.03 | mg/kg | 6.9    |
| Benzo(a)anthracene      | DETSC 3303# | 0.03 | mg/kg | 2.9    |
| Chrysene                | DETSC 3303  | 0.03 | mg/kg | 2.9    |
| Benzo(b)fluoranthene    | DETSC 3303# | 0.03 | mg/kg | 2.7    |
| Benzo(k)fluoranthene    | DETSC 3303# | 0.03 | mg/kg | 1.1    |
| Benzo(a)pyrene          | DETSC 3303# | 0.03 | mg/kg | 2.4    |
| Indeno(1,2,3-c,d)pyrene | DETSC 3303# | 0.03 | mg/kg | 0.77   |
| Dibenzo(a,h)anthracene  | DETSC 3303# | 0.03 | mg/kg | 0.19   |
| Benzo(g,h,i)perylene    | DETSC 3303# | 0.03 | mg/kg | 0.97   |
| PAH - USEPA 16, Total   | DETSC 3303  | 0.1  | mg/kg | 37     |
| <b>Phenols</b>          |             |      |       |        |
| Phenol - Monohydric     | DETSC 2130# | 0.3  | mg/kg | 0.7    |

## Information in Support of the Analytical Results

Our Ref 23-28633  
 Client Ref PN234595  
 Contract Pyramid Park

### Containers Received & Deviating Samples

| Lab No  | Sample ID            | Date Sampled | Containers Received         | Holding time exceeded for tests | inappropriate container for tests |
|---------|----------------------|--------------|-----------------------------|---------------------------------|-----------------------------------|
| 2272323 | TP122 0.40-0.80 SOIL | 23/11/23     | GJ 250ml x2, GJ 60ml, PT 1L | pH + Conductivity (7 days)      |                                   |

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



## Certificate of Analysis

**Certificate Number** 23-28719

**Issued:** 15-Dec-23

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 23-28719

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** Pyramid Park

**Description** One Soil sample.

**Date Received** 06-Dec-23

**Date Started** 06-Dec-23

**Date Completed** 15-Dec-23

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood  
General Manager



2139

# Summary of Chemical Analysis

## Soil Samples

Our Ref 23-28719

Client Ref PN234595

Contract Title Pyramid Park

|               |            |
|---------------|------------|
| Lab No        | 2272902    |
| Sample ID     | BH105      |
| Depth         | 0.20       |
| Other ID      |            |
| Sample Type   | ES         |
| Sampling Date | 01/12/2023 |
| Sampling Time | n/s        |

| Test                                | Method      | LOD  | Units |        |
|-------------------------------------|-------------|------|-------|--------|
| <b>Preparation</b>                  |             |      |       |        |
| Moisture Content                    | DETSC 1004  | 0.1  | %     | 37     |
| <b>Metals</b>                       |             |      |       |        |
| Arsenic                             | DETSC 2301# | 0.2  | mg/kg | 25     |
| Beryllium                           | DETSC 2301# | 0.2  | mg/kg | 1.1    |
| Boron, Water Soluble (2.5:1)        | DETSC 2311# | 0.2  | mg/kg | 0.6    |
| Cadmium                             | DETSC 2301# | 0.1  | mg/kg | 0.9    |
| Chromium                            | DETSC 2301# | 0.15 | mg/kg | 25     |
| Chromium, Hexavalent                | DETSC 2204* | 1    | mg/kg | < 1.0  |
| Copper                              | DETSC 2301# | 0.2  | mg/kg | 120    |
| Lead                                | DETSC 2301# | 0.3  | mg/kg | 110    |
| Mercury                             | DETSC 2325# | 0.05 | mg/kg | 0.19   |
| Nickel                              | DETSC 2301# | 1    | mg/kg | 27     |
| Selenium                            | DETSC 2301# | 0.5  | mg/kg | < 0.5  |
| Vanadium                            | DETSC 2301# | 0.8  | mg/kg | 34     |
| Zinc                                | DETSC 2301# | 1    | mg/kg | 250    |
| <b>Inorganics</b>                   |             |      |       |        |
| pH                                  | DETSC 2008# |      | pH    | 7.6    |
| Cyanide, Total                      | DETSC 2130# | 0.1  | mg/kg | 0.4    |
| Total Organic Carbon                | DETSC 2084# | 0.5  | %     | 11     |
| Sulphide                            | DETSC 2024* | 10   | mg/kg | 180    |
| Sulphate as SO <sub>4</sub> , Total | DETSC 2321# | 0.01 | %     | 0.13   |
| <b>Petroleum Hydrocarbons</b>       |             |      |       |        |
| EPH (C10-C12)                       | DETSC 3311  | 10   | mg/kg | < 10   |
| EPH (C12-C16)                       | DETSC 3311  | 10   | mg/kg | < 10   |
| EPH (C16-C21)                       | DETSC 3311  | 10   | mg/kg | 24     |
| EPH (C21-C36)                       | DETSC 3311  | 10   | mg/kg | 78     |
| EPH (C36-C40)                       | DETSC 3311  | 10   | mg/kg | < 10   |
| EPH (C10-C40)                       | DETSC 3311# | 10   | mg/kg | 110    |
| <b>PAHs</b>                         |             |      |       |        |
| Naphthalene                         | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Acenaphthylene                      | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Acenaphthene                        | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Fluorene                            | DETSC 3303  | 0.03 | mg/kg | < 0.03 |
| Phenanthrene                        | DETSC 3303# | 0.03 | mg/kg | 0.14   |
| Anthracene                          | DETSC 3303  | 0.03 | mg/kg | 0.14   |
| Fluoranthene                        | DETSC 3303# | 0.03 | mg/kg | 0.24   |
| Pyrene                              | DETSC 3303# | 0.03 | mg/kg | 0.23   |
| Benzo(a)anthracene                  | DETSC 3303# | 0.03 | mg/kg | 0.06   |
| Chrysene                            | DETSC 3303  | 0.03 | mg/kg | 0.11   |
| Benzo(b)fluoranthene                | DETSC 3303# | 0.03 | mg/kg | 0.08   |
| Benzo(k)fluoranthene                | DETSC 3303# | 0.03 | mg/kg | 0.03   |
| Benzo(a)pyrene                      | DETSC 3303# | 0.03 | mg/kg | 0.05   |
| Indeno(1,2,3-c,d)pyrene             | DETSC 3303# | 0.03 | mg/kg | 0.04   |

## Summary of Chemical Analysis

### Soil Samples

Our Ref 23-28719

Client Ref PN234595

Contract Title Pyramid Park

|               |            |
|---------------|------------|
| Lab No        | 2272902    |
| Sample ID     | BH105      |
| Depth         | 0.20       |
| Other ID      |            |
| Sample Type   | ES         |
| Sampling Date | 01/12/2023 |
| Sampling Time | n/s        |

| Test                   | Method      | LOD  | Units |        |
|------------------------|-------------|------|-------|--------|
| Dibenzo(a,h)anthracene | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Benzo(g,h,i)perylene   | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| PAH - USEPA 16, Total  | DETSC 3303  | 0.1  | mg/kg | 1.1    |
| <b>Phenols</b>         |             |      |       |        |
| Phenol - Monohydric    | DETSC 2130# | 0.3  | mg/kg | 0.7    |

## Information in Support of the Analytical Results

Our Ref 23-28719  
 Client Ref PN234595  
 Contract Pyramid Park

### Containers Received & Deviating Samples

| Lab No  | Sample ID       | Date<br>Sampled | Containers Received         | holding time          | inappropriate          |
|---------|-----------------|-----------------|-----------------------------|-----------------------|------------------------|
|         |                 |                 |                             | exceeded for<br>tests | container for<br>tests |
| 2272902 | BH105 0.20 SOIL | 01/12/23        | GJ 250ml x2, GJ 60ml, PT 1L |                       |                        |

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Soil Analysis Notes

|                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.                               |
| Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis. |
| The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.                       |

### Disposal

|                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| From the issue date of this test certificate, samples will be held for the following times prior to disposal :-<br>Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

End of Report



## Certificate of Analysis

**Certificate Number** 23-28720

**Issued:** 18-Dec-23

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 23-28720

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** Pyramid Park

**Description** One Soil sample.

**Date Received** 06-Dec-23

**Date Started** 06-Dec-23

**Date Completed** 18-Dec-23

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood  
General Manager



2139

# Summary of Chemical Analysis

## Soil Samples

Our Ref 23-28720

Client Ref PN234595

Contract Title Pyramid Park

|               |            |
|---------------|------------|
| Lab No        | 2272903    |
| Sample ID     | BH106      |
| Depth         | 0.20       |
| Other ID      |            |
| Sample Type   | ES         |
| Sampling Date | 30/11/2023 |
| Sampling Time | n/s        |

| Test                                | Method      | LOD  | Units |        |
|-------------------------------------|-------------|------|-------|--------|
| <b>Preparation</b>                  |             |      |       |        |
| Moisture Content                    | DETSC 1004  | 0.1  | %     | 29     |
| <b>Metals</b>                       |             |      |       |        |
| Arsenic                             | DETSC 2301# | 0.2  | mg/kg | 16     |
| Beryllium                           | DETSC 2301# | 0.2  | mg/kg | 0.9    |
| Boron, Water Soluble (2.5:1)        | DETSC 2311# | 0.2  | mg/kg | 0.8    |
| Cadmium                             | DETSC 2301# | 0.1  | mg/kg | 0.6    |
| Chromium                            | DETSC 2301# | 0.15 | mg/kg | 20     |
| Chromium, Hexavalent                | DETSC 2204* | 1    | mg/kg | < 1.0  |
| Copper                              | DETSC 2301# | 0.2  | mg/kg | 77     |
| Lead                                | DETSC 2301# | 0.3  | mg/kg | 86     |
| Mercury                             | DETSC 2325# | 0.05 | mg/kg | 0.15   |
| Nickel                              | DETSC 2301# | 1    | mg/kg | 22     |
| Selenium                            | DETSC 2301# | 0.5  | mg/kg | < 0.5  |
| Vanadium                            | DETSC 2301# | 0.8  | mg/kg | 29     |
| Zinc                                | DETSC 2301# | 1    | mg/kg | 110    |
| <b>Inorganics</b>                   |             |      |       |        |
| pH                                  | DETSC 2008# |      | pH    | 7.3    |
| Cyanide, Total                      | DETSC 2130# | 0.1  | mg/kg | 0.3    |
| Sulphide                            | DETSC 2024* | 10   | mg/kg | 63     |
| Sulphate as SO <sub>4</sub> , Total | DETSC 2321# | 0.01 | %     | 0.08   |
| <b>Petroleum Hydrocarbons</b>       |             |      |       |        |
| EPH (C10-C12)                       | DETSC 3311  | 10   | mg/kg | < 10   |
| EPH (C12-C16)                       | DETSC 3311  | 10   | mg/kg | 11     |
| EPH (C16-C21)                       | DETSC 3311  | 10   | mg/kg | 52     |
| EPH (C21-C36)                       | DETSC 3311  | 10   | mg/kg | 93     |
| EPH (C36-C40)                       | DETSC 3311  | 10   | mg/kg | < 10   |
| EPH (C10-C40)                       | DETSC 3311# | 10   | mg/kg | 160    |
| <b>PAHs</b>                         |             |      |       |        |
| Naphthalene                         | DETSC 3303# | 0.03 | mg/kg | 0.18   |
| Acenaphthylene                      | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Acenaphthene                        | DETSC 3303# | 0.03 | mg/kg | 0.68   |
| Fluorene                            | DETSC 3303  | 0.03 | mg/kg | 0.47   |
| Phenanthrene                        | DETSC 3303# | 0.03 | mg/kg | 4.0    |
| Anthracene                          | DETSC 3303  | 0.03 | mg/kg | 0.97   |
| Fluoranthene                        | DETSC 3303# | 0.03 | mg/kg | 4.6    |
| Pyrene                              | DETSC 3303# | 0.03 | mg/kg | 4.2    |
| Benzo(a)anthracene                  | DETSC 3303# | 0.03 | mg/kg | 1.7    |
| Chrysene                            | DETSC 3303  | 0.03 | mg/kg | 1.6    |
| Benzo(b)fluoranthene                | DETSC 3303# | 0.03 | mg/kg | 1.9    |
| Benzo(k)fluoranthene                | DETSC 3303# | 0.03 | mg/kg | 0.64   |
| Benzo(a)pyrene                      | DETSC 3303# | 0.03 | mg/kg | 1.5    |
| Indeno(1,2,3-c,d)pyrene             | DETSC 3303# | 0.03 | mg/kg | 0.49   |
| Dibenzo(a,h)anthracene              | DETSC 3303# | 0.03 | mg/kg | 0.16   |

## Summary of Chemical Analysis

### Soil Samples

Our Ref 23-28720  
 Client Ref PN234595  
 Contract Title Pyramid Park

|               |            |
|---------------|------------|
| Lab No        | 2272903    |
| Sample ID     | BH106      |
| Depth         | 0.20       |
| Other ID      |            |
| Sample Type   | ES         |
| Sampling Date | 30/11/2023 |
| Sampling Time | n/s        |

| Test                  | Method      | LOD  | Units |      |
|-----------------------|-------------|------|-------|------|
| Benzo(g,h,i)perylene  | DETSC 3303# | 0.03 | mg/kg | 0.60 |
| PAH - USEPA 16, Total | DETSC 3303  | 0.1  | mg/kg | 24   |
| <b>Phenols</b>        |             |      |       |      |
| Phenol - Monohydric   | DETSC 2130# | 0.3  | mg/kg | 0.8  |

## Information in Support of the Analytical Results

Our Ref 23-28720  
 Client Ref PN234595  
 Contract Pyramid Park

### Containers Received & Deviating Samples

| Lab No  | Sample ID       | Date Sampled | Containers Received         | Hold time exceeded for tests | Inappropriate container for tests |
|---------|-----------------|--------------|-----------------------------|------------------------------|-----------------------------------|
| 2272903 | BH106 0.20 SOIL | 30/11/23     | GJ 250ml x2, GJ 60ml, PT 1L |                              |                                   |

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



## Certificate of Analysis

**Certificate Number** 23-28721

**Issued:** 15-Dec-23

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 23-28721

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** Pyramid Park

**Description** 3 Soil samples.

**Date Received** 06-Dec-23

**Date Started** 06-Dec-23

**Date Completed** 15-Dec-23

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood  
General Manager



2139

# Summary of Chemical Analysis

## Soil Samples

Our Ref 23-28721

Client Ref PN234595

Contract Title Pyramid Park

| Lab No        | 2272904    | 2272905    | 2272906    |
|---------------|------------|------------|------------|
| Sample ID     | BH107      | BH107      | TP116A     |
| Depth         | 1.00       | 2.00       | 0.40-0.50  |
| Other ID      |            |            |            |
| Sample Type   | ES         | ES         | ES         |
| Sampling Date | 01/12/2023 | 01/12/2023 | 01/12/2023 |
| Sampling Time | n/s        | n/s        | n/s        |

| Test                                | Method      | LOD  | Units |        |        |        |
|-------------------------------------|-------------|------|-------|--------|--------|--------|
| <b>Preparation</b>                  |             |      |       |        |        |        |
| Moisture Content                    | DETSC 1004  | 0.1  | %     | 12     | 16     | 18     |
| <b>Metals</b>                       |             |      |       |        |        |        |
| Arsenic                             | DETSC 2301# | 0.2  | mg/kg | 6.2    | 3.4    | 16     |
| Beryllium                           | DETSC 2301# | 0.2  | mg/kg | 0.2    | 5.1    | 2.1    |
| Boron, Water Soluble (2.5:1)        | DETSC 2311# | 0.2  | mg/kg | 1.3    | 6.0    | 0.4    |
| Cadmium                             | DETSC 2301# | 0.1  | mg/kg | 0.4    | 0.3    | 0.4    |
| Chromium                            | DETSC 2301# | 0.15 | mg/kg | 13     | 15     | 19     |
| Chromium, Hexavalent                | DETSC 2204* | 1    | mg/kg | < 1.0  | < 1.0  | < 1.0  |
| Copper                              | DETSC 2301# | 0.2  | mg/kg | 20     | 17     | 150    |
| Lead                                | DETSC 2301# | 0.3  | mg/kg | 27     | 6.9    | 45     |
| Mercury                             | DETSC 2325# | 0.05 | mg/kg | < 0.05 | < 0.05 | 0.07   |
| Nickel                              | DETSC 2301# | 1    | mg/kg | 18     | 11     | 49     |
| Selenium                            | DETSC 2301# | 0.5  | mg/kg | < 0.5  | 1.5    | < 0.5  |
| Vanadium                            | DETSC 2301# | 0.8  | mg/kg | 17     | 19     | 71     |
| Zinc                                | DETSC 2301# | 1    | mg/kg | 54     | 61     | 160    |
| <b>Inorganics</b>                   |             |      |       |        |        |        |
| pH                                  | DETSC 2008# |      | pH    | 10.7   | 10.4   | 7.6    |
| Cyanide, Total                      | DETSC 2130# | 0.1  | mg/kg | < 0.1  | < 0.1  | 1.3    |
| Total Organic Carbon                | DETSC 2084# | 0.5  | %     |        |        | 15     |
| Sulphide                            | DETSC 2024* | 10   | mg/kg | 67     | 55     | 140    |
| Sulphate as SO <sub>4</sub> , Total | DETSC 2321# | 0.01 | %     | 0.37   | 0.98   | 0.10   |
| <b>Petroleum Hydrocarbons</b>       |             |      |       |        |        |        |
| EPH (C10-C12)                       | DETSC 3311  | 10   | mg/kg | < 10   | < 10   | < 10   |
| EPH (C12-C16)                       | DETSC 3311  | 10   | mg/kg | < 10   | < 10   | < 10   |
| EPH (C16-C21)                       | DETSC 3311  | 10   | mg/kg | < 10   | < 10   | < 10   |
| EPH (C21-C36)                       | DETSC 3311  | 10   | mg/kg | 79     | < 10   | 20     |
| EPH (C36-C40)                       | DETSC 3311  | 10   | mg/kg | 11     | < 10   | < 10   |
| EPH (C10-C40)                       | DETSC 3311# | 10   | mg/kg | 98     | < 10   | 32     |
| <b>PAHs</b>                         |             |      |       |        |        |        |
| Naphthalene                         | DETSC 3303# | 0.03 | mg/kg | < 0.03 | < 0.03 | 0.03   |
| Acenaphthylene                      | DETSC 3303# | 0.03 | mg/kg | < 0.03 | < 0.03 | < 0.03 |
| Acenaphthene                        | DETSC 3303# | 0.03 | mg/kg | < 0.03 | < 0.03 | 0.04   |
| Fluorene                            | DETSC 3303  | 0.03 | mg/kg | < 0.03 | < 0.03 | < 0.03 |
| Phenanthrene                        | DETSC 3303# | 0.03 | mg/kg | 0.11   | 0.08   | 0.25   |
| Anthracene                          | DETSC 3303  | 0.03 | mg/kg | 0.11   | < 0.03 | 0.06   |
| Fluoranthene                        | DETSC 3303# | 0.03 | mg/kg | 0.10   | 0.11   | 0.54   |
| Pyrene                              | DETSC 3303# | 0.03 | mg/kg | 0.12   | 0.10   | 0.58   |
| Benzo(a)anthracene                  | DETSC 3303# | 0.03 | mg/kg | 0.05   | 0.06   | 0.19   |
| Chrysene                            | DETSC 3303  | 0.03 | mg/kg | 0.07   | 0.08   | 0.26   |
| Benzo(b)fluoranthene                | DETSC 3303# | 0.03 | mg/kg | 0.06   | 0.07   | 0.25   |
| Benzo(k)fluoranthene                | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 0.06   | 0.11   |
| Benzo(a)pyrene                      | DETSC 3303# | 0.03 | mg/kg | 0.05   | 0.06   | 0.19   |

## Summary of Chemical Analysis Soil Samples

Our Ref 23-28721

Client Ref PN234595

Contract Title Pyramid Park

|               |            |            |            |
|---------------|------------|------------|------------|
| Lab No        | 2272904    | 2272905    | 2272906    |
| Sample ID     | BH107      | BH107      | TP116A     |
| Depth         | 1.00       | 2.00       | 0.40-0.50  |
| Other ID      |            |            |            |
| Sample Type   | ES         | ES         | ES         |
| Sampling Date | 01/12/2023 | 01/12/2023 | 01/12/2023 |
| Sampling Time | n/s        | n/s        | n/s        |

| Test                    | Method      | LOD  | Units |        |        |        |
|-------------------------|-------------|------|-------|--------|--------|--------|
| Indeno(1,2,3-c,d)pyrene | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 0.06   | 0.09   |
| Dibenzo(a,h)anthracene  | DETSC 3303# | 0.03 | mg/kg | < 0.03 | < 0.03 | < 0.03 |
| Benzo(g,h,i)perylene    | DETSC 3303# | 0.03 | mg/kg | 0.03   | 0.06   | 0.11   |
| PAH - USEPA 16, Total   | DETSC 3303  | 0.1  | mg/kg | 0.67   | 0.72   | 2.7    |
| <b>Phenols</b>          |             |      |       |        |        |        |
| Phenol - Monohydric     | DETSC 2130# | 0.3  | mg/kg | < 0.3  | 0.3    | 0.4    |

## Summary of Asbestos Analysis Soil Samples

*Our Ref* 23-28721

*Client Ref* PN234595

*Contract Title* Pyramid Park

| Lab No  | Sample ID        | Material Type | Result | Comment* | Analyst     |
|---------|------------------|---------------|--------|----------|-------------|
| 2272904 | BH107 1.00       | SOIL          | NAD    | none     | Barry Kelly |
| 2272906 | TP116A 0.40-0.50 | SOIL          | NAD    | none     | Barry Kelly |

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: \* - not included in laboratory scope of accreditation.

## Information in Support of the Analytical Results

Our Ref 23-28721  
 Client Ref PN234595  
 Contract Pyramid Park

### Containers Received & Deviating Samples

| Lab No  | Sample ID             | Date Sampled | Containers Received         | Hold time exceeded for tests | Inappropriate container for tests |
|---------|-----------------------|--------------|-----------------------------|------------------------------|-----------------------------------|
| 2272904 | BH107 1.00 SOIL       | 01/12/23     | GJ 250ml x2, GJ 60ml, PT 1L |                              |                                   |
| 2272905 | BH107 2.00 SOIL       | 01/12/23     | GJ 250ml x2, GJ 60ml, PT 1L |                              |                                   |
| 2272906 | TP116A 0.40-0.50 SOIL | 01/12/23     | GJ 250ml x2, GJ 60ml, PT 1L |                              |                                   |

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



## Certificate of Analysis

**Certificate Number** 23-28722

**Issued:** 18-Dec-23

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 23-28722

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** Pyramid Park

**Description** 2 Soil samples.

**Date Received** 06-Dec-23

**Date Started** 06-Dec-23

**Date Completed** 18-Dec-23

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood  
General Manager



2139

## Summary of Chemical Analysis

### Soil Samples

Our Ref 23-28722

Client Ref PN234595

Contract Title Pyramid Park

|               |            |            |
|---------------|------------|------------|
| Lab No        | 2272907    | 2272908    |
| Sample ID     | TP110      | TP123      |
| Depth         | 0.20-0.40  | 0.40-0.50  |
| Other ID      |            |            |
| Sample Type   | ES         | ES         |
| Sampling Date | 04/12/2023 | 01/12/2023 |
| Sampling Time | n/s        | n/s        |

| Test                                | Method      | LOD  | Units |       |        |
|-------------------------------------|-------------|------|-------|-------|--------|
| <b>Preparation</b>                  |             |      |       |       |        |
| Moisture Content                    | DETSC 1004  | 0.1  | %     | 27    | 27     |
| <b>Metals</b>                       |             |      |       |       |        |
| Arsenic                             | DETSC 2301# | 0.2  | mg/kg | 27    | 26     |
| Beryllium                           | DETSC 2301# | 0.2  | mg/kg | 1.5   | 2.3    |
| Boron, Water Soluble (2.5:1)        | DETSC 2311# | 0.2  | mg/kg | 1.2   | 0.7    |
| Cadmium                             | DETSC 2301# | 0.1  | mg/kg | 1.0   | 0.9    |
| Chromium                            | DETSC 2301# | 0.15 | mg/kg | 880   | 29     |
| Chromium, Hexavalent                | DETSC 2204* | 1    | mg/kg | < 1.0 | < 1.0  |
| Copper                              | DETSC 2301# | 0.2  | mg/kg | 240   | 210    |
| Lead                                | DETSC 2301# | 0.3  | mg/kg | 240   | 120    |
| Mercury                             | DETSC 2325# | 0.05 | mg/kg | 0.13  | 0.13   |
| Nickel                              | DETSC 2301# | 1    | mg/kg | 82    | 64     |
| Selenium                            | DETSC 2301# | 0.5  | mg/kg | < 0.5 | < 0.5  |
| Vanadium                            | DETSC 2301# | 0.8  | mg/kg | 61    | 73     |
| Zinc                                | DETSC 2301# | 1    | mg/kg | 260   | 240    |
| <b>Inorganics</b>                   |             |      |       |       |        |
| pH                                  | DETSC 2008# |      | pH    | 7.8   | 10.3   |
| Cyanide, Total                      | DETSC 2130# | 0.1  | mg/kg | 0.5   | 0.2    |
| Sulphide                            | DETSC 2024* | 10   | mg/kg | 99    | 220    |
| Sulphate as SO <sub>4</sub> , Total | DETSC 2321# | 0.01 | %     | 0.09  | 0.17   |
| <b>Petroleum Hydrocarbons</b>       |             |      |       |       |        |
| Aliphatic C5-C6                     | DETSC 3321* | 0.01 | mg/kg |       | < 0.01 |
| Aliphatic C6-C8                     | DETSC 3321* | 0.01 | mg/kg |       | < 0.01 |
| Aliphatic C8-C10                    | DETSC 3321* | 0.01 | mg/kg |       | < 0.01 |
| Aliphatic C10-C12                   | DETSC 3072# | 1.5  | mg/kg |       | 5.1    |
| Aliphatic C12-C16                   | DETSC 3072# | 1.2  | mg/kg |       | 42     |
| Aliphatic C16-C21                   | DETSC 3072# | 1.5  | mg/kg |       | 110    |
| Aliphatic C21-C35                   | DETSC 3072# | 3.4  | mg/kg |       | 31     |
| Aliphatic C35-C44                   | DETSC 3072* | 3.4  | mg/kg |       | < 3.4  |
| Aliphatic C10-C44                   | DETSC 3072* | 10   | mg/kg |       | 180    |
| Aromatic C5-C7                      | DETSC 3321* | 0.01 | mg/kg |       | < 0.01 |
| Aromatic C7-C8                      | DETSC 3321* | 0.01 | mg/kg |       | < 0.01 |
| Aromatic C8-C10                     | DETSC 3321* | 0.01 | mg/kg |       | < 0.01 |
| Aromatic C10-C12                    | DETSC 3072# | 0.9  | mg/kg |       | < 0.9  |
| Aromatic C12-C16                    | DETSC 3072# | 0.5  | mg/kg |       | 11     |
| Aromatic C16-C21                    | DETSC 3072# | 0.6  | mg/kg |       | 50     |
| Aromatic C21-C35                    | DETSC 3072# | 1.4  | mg/kg |       | 24     |
| Aromatic C35-C44                    | DETSC 3072* | 1.4  | mg/kg |       | < 1.4  |
| Aromatic C10-C44                    | DETSC 3072* | 10   | mg/kg |       | 86     |
| Ali/Aro C10-C44                     | DETSC 3072* | 10   | mg/kg |       | 270    |
| EPH (C10-C12)                       | DETSC 3311  | 10   | mg/kg | < 10  | < 10   |

## Summary of Chemical Analysis

### Soil Samples

Our Ref 23-28722

Client Ref PN234595

Contract Title Pyramid Park

|               |            |            |
|---------------|------------|------------|
| Lab No        | 2272907    | 2272908    |
| Sample ID     | TP110      | TP123      |
| Depth         | 0.20-0.40  | 0.40-0.50  |
| Other ID      |            |            |
| Sample Type   | ES         | ES         |
| Sampling Date | 04/12/2023 | 01/12/2023 |
| Sampling Time | n/s        | n/s        |

| Test                    | Method      | LOD  | Units |      |        |
|-------------------------|-------------|------|-------|------|--------|
| EPH (C12-C16)           | DETSC 3311  | 10   | mg/kg | 92   | 120    |
| EPH (C16-C21)           | DETSC 3311  | 10   | mg/kg | 470  | 480    |
| EPH (C21-C36)           | DETSC 3311  | 10   | mg/kg | 1100 | 170    |
| EPH (C36-C40)           | DETSC 3311  | 10   | mg/kg | 67   | < 10   |
| EPH (C10-C40)           | DETSC 3311# | 10   | mg/kg | 1800 | 770    |
| Benzene                 | DETSC 3321# | 0.01 | mg/kg |      | < 0.01 |
| Ethylbenzene            | DETSC 3321# | 0.01 | mg/kg |      | < 0.01 |
| Toluene                 | DETSC 3321# | 0.01 | mg/kg |      | < 0.01 |
| Xylene                  | DETSC 3321# | 0.01 | mg/kg |      | < 0.01 |
| <b>PAHs</b>             |             |      |       |      |        |
| Naphthalene             | DETSC 3303# | 0.03 | mg/kg | 0.49 | 0.43   |
| Acenaphthylene          | DETSC 3303# | 0.03 | mg/kg | 0.03 | < 0.03 |
| Acenaphthene            | DETSC 3303# | 0.03 | mg/kg | 1.8  | 0.54   |
| Fluorene                | DETSC 3303  | 0.03 | mg/kg | 1.4  | 0.38   |
| Phenanthrene            | DETSC 3303# | 0.03 | mg/kg | 7.6  | 1.7    |
| Anthracene              | DETSC 3303  | 0.03 | mg/kg | 1.8  | 0.40   |
| Fluoranthene            | DETSC 3303# | 0.03 | mg/kg | 14   | 2.1    |
| Pyrene                  | DETSC 3303# | 0.03 | mg/kg | 14   | 2.0    |
| Benzo(a)anthracene      | DETSC 3303# | 0.03 | mg/kg | 5.4  | 0.41   |
| Chrysene                | DETSC 3303  | 0.03 | mg/kg | 5.7  | 0.67   |
| Benzo(b)fluoranthene    | DETSC 3303# | 0.03 | mg/kg | 5.6  | 0.49   |
| Benzo(k)fluoranthene    | DETSC 3303# | 0.03 | mg/kg | 2.0  | 0.20   |
| Benzo(a)pyrene          | DETSC 3303# | 0.03 | mg/kg | 4.8  | 0.33   |
| Indeno(1,2,3-c,d)pyrene | DETSC 3303# | 0.03 | mg/kg | 1.4  | 0.14   |
| Dibenzo(a,h)anthracene  | DETSC 3303# | 0.03 | mg/kg | 0.47 | 0.04   |
| Benzo(g,h,i)perylene    | DETSC 3303# | 0.03 | mg/kg | 2.0  | 0.21   |
| PAH - USEPA 16, Total   | DETSC 3303  | 0.1  | mg/kg | 68   | 10     |
| <b>Phenols</b>          |             |      |       |      |        |
| Phenol - Monohydric     | DETSC 2130# | 0.3  | mg/kg | 0.9  | 0.6    |

## Information in Support of the Analytical Results

Our Ref 23-28722  
 Client Ref PN234595  
 Contract Pyramid Park

### Containers Received & Deviating Samples

| Lab No  | Sample ID            | Date Sampled | Containers Received         | Holding time exceeded for tests | Inappropriate container for tests |
|---------|----------------------|--------------|-----------------------------|---------------------------------|-----------------------------------|
| 2272907 | TP110 0.20-0.40 SOIL | 04/12/23     | GJ 250ml x2, GJ 60ml, PT 1L |                                 |                                   |
| 2272908 | TP123 0.40-0.50 SOIL | 01/12/23     | GJ 250ml x2, GJ 60ml, PT 1L |                                 |                                   |

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



## Certificate of Analysis

**Certificate Number** 23-28723

**Issued:** 15-Dec-23

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 23-28723

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** Pyramid Park

**Description** 2 Soil samples.

**Date Received** 06-Dec-23

**Date Started** 06-Dec-23

**Date Completed** 15-Dec-23

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood  
General Manager



2139

# Summary of Chemical Analysis

## Soil Samples

Our Ref 23-28723  
 Client Ref PN234595  
 Contract Title Pyramid Park

|               |            |            |
|---------------|------------|------------|
| Lab No        | 2272909    | 2272910    |
| Sample ID     | TP108      | TP108      |
| Depth         | 0.20-0.40  | 0.80-1.00  |
| Other ID      |            |            |
| Sample Type   | ES         | ES         |
| Sampling Date | 23/11/2023 | 23/11/2023 |
| Sampling Time | n/s        | n/s        |

| Test                                | Method      | LOD  | Units |       |        |
|-------------------------------------|-------------|------|-------|-------|--------|
| <b>Preparation</b>                  |             |      |       |       |        |
| Moisture Content                    | DETSC 1004  | 0.1  | %     | 28    | 9.7    |
| <b>Metals</b>                       |             |      |       |       |        |
| Arsenic                             | DETSC 2301# | 0.2  | mg/kg | 27    | 5.7    |
| Beryllium                           | DETSC 2301# | 0.2  | mg/kg | 2.9   | 0.5    |
| Boron, Water Soluble (2.5:1)        | DETSC 2311# | 0.2  | mg/kg | 0.4   | < 0.2  |
| Cadmium                             | DETSC 2301# | 0.1  | mg/kg | 0.6   | 0.3    |
| Chromium                            | DETSC 2301# | 0.15 | mg/kg | 20    | 13     |
| Chromium, Hexavalent                | DETSC 2204* | 1    | mg/kg | < 1.0 | < 1.0  |
| Copper                              | DETSC 2301# | 0.2  | mg/kg | 130   | 21     |
| Lead                                | DETSC 2301# | 0.3  | mg/kg | 89    | 12     |
| Mercury                             | DETSC 2325# | 0.05 | mg/kg | 0.22  | 0.05   |
| Nickel                              | DETSC 2301# | 1    | mg/kg | 42    | 17     |
| Selenium                            | DETSC 2301# | 0.5  | mg/kg | < 0.5 | < 0.5  |
| Vanadium                            | DETSC 2301# | 0.8  | mg/kg | 47    | 16     |
| Zinc                                | DETSC 2301# | 1    | mg/kg | 140   | 51     |
| <b>Inorganics</b>                   |             |      |       |       |        |
| pH                                  | DETSC 2008# |      | pH    | 7.0   | 7.2    |
| Cyanide, Total                      | DETSC 2130# | 0.1  | mg/kg | 0.4   | 0.2    |
| Total Organic Carbon                | DETSC 2084# | 0.5  | %     | 27    |        |
| Sulphide                            | DETSC 2024* | 10   | mg/kg | 160   | 59     |
| Sulphate as SO <sub>4</sub> , Total | DETSC 2321# | 0.01 | %     | 0.10  | 0.04   |
| <b>Petroleum Hydrocarbons</b>       |             |      |       |       |        |
| EPH (C10-C12)                       | DETSC 3311  | 10   | mg/kg | 16    | < 10   |
| EPH (C12-C16)                       | DETSC 3311  | 10   | mg/kg | 220   | < 10   |
| EPH (C16-C21)                       | DETSC 3311  | 10   | mg/kg | 1100  | < 10   |
| EPH (C21-C36)                       | DETSC 3311  | 10   | mg/kg | 2300  | < 10   |
| EPH (C36-C40)                       | DETSC 3311  | 10   | mg/kg | 120   | < 10   |
| EPH (C10-C40)                       | DETSC 3311# | 10   | mg/kg | 3800  | < 10   |
| <b>PAHs</b>                         |             |      |       |       |        |
| Naphthalene                         | DETSC 3303# | 0.03 | mg/kg | 0.42  | 0.04   |
| Acenaphthylene                      | DETSC 3303# | 0.03 | mg/kg | 0.06  | < 0.03 |
| Acenaphthene                        | DETSC 3303# | 0.03 | mg/kg | 3.4   | < 0.03 |
| Fluorene                            | DETSC 3303  | 0.03 | mg/kg | 2.7   | < 0.03 |
| Phenanthrene                        | DETSC 3303# | 0.03 | mg/kg | 13    | 0.03   |
| Anthracene                          | DETSC 3303  | 0.03 | mg/kg | 3.8   | < 0.03 |
| Fluoranthene                        | DETSC 3303# | 0.03 | mg/kg | 24    | 0.06   |
| Pyrene                              | DETSC 3303# | 0.03 | mg/kg | 24    | 0.08   |
| Benzo(a)anthracene                  | DETSC 3303# | 0.03 | mg/kg | 10    | < 0.03 |
| Chrysene                            | DETSC 3303  | 0.03 | mg/kg | 9.2   | 0.04   |
| Benzo(b)fluoranthene                | DETSC 3303# | 0.03 | mg/kg | 10    | < 0.03 |
| Benzo(k)fluoranthene                | DETSC 3303# | 0.03 | mg/kg | 3.1   | < 0.03 |
| Benzo(a)pyrene                      | DETSC 3303# | 0.03 | mg/kg | 7.9   | < 0.03 |

## Summary of Chemical Analysis Soil Samples

Our Ref 23-28723

Client Ref PN234595

Contract Title Pyramid Park

|               |            |            |
|---------------|------------|------------|
| Lab No        | 2272909    | 2272910    |
| Sample ID     | TP108      | TP108      |
| Depth         | 0.20-0.40  | 0.80-1.00  |
| Other ID      |            |            |
| Sample Type   | ES         | ES         |
| Sampling Date | 23/11/2023 | 23/11/2023 |
| Sampling Time | n/s        | n/s        |

| Test                    | Method     | LOD  | Units |     |        |
|-------------------------|------------|------|-------|-----|--------|
| Indeno(1,2,3-c,d)pyrene | DETS 3303# | 0.03 | mg/kg | 2.8 | < 0.03 |
| Dibenzo(a,h)anthracene  | DETS 3303# | 0.03 | mg/kg | 1.0 | < 0.03 |
| Benzo(g,h,i)perylene    | DETS 3303# | 0.03 | mg/kg | 3.4 | < 0.03 |
| PAH - USEPA 16, Total   | DETS 3303  | 0.1  | mg/kg | 120 | 0.26   |
| <b>Phenols</b>          |            |      |       |     |        |
| Phenol - Monohydric     | DETS 2130# | 0.3  | mg/kg | 1.3 | 0.4    |

## Summary of Asbestos Analysis Soil Samples

*Our Ref* 23-28723

*Client Ref* PN234595

*Contract Title* Pyramid Park

| Lab No  | Sample ID       | Material Type | Result | Comment* | Analyst      |
|---------|-----------------|---------------|--------|----------|--------------|
| 2272910 | TP108 0.80-1.00 | SOIL          | NAD    | none     | Shannon Hope |

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: \* - not included in laboratory scope of accreditation.

## Information in Support of the Analytical Results

Our Ref 23-28723  
 Client Ref PN234595  
 Contract Pyramid Park

### Containers Received & Deviating Samples

| Lab No  | Sample ID            | Date Sampled | Containers Received         | Holding time exceeded for tests | Inappropriate container for tests |
|---------|----------------------|--------------|-----------------------------|---------------------------------|-----------------------------------|
| 2272909 | TP108 0.20-0.40 SOIL | 23/11/23     | GJ 250ml x2, GJ 60ml, PT 1L | pH + Conductivity (7 days)      |                                   |
| 2272910 | TP108 0.80-1.00 SOIL | 23/11/23     | GJ 250ml x2, GJ 60ml, PT 1L | pH + Conductivity (7 days)      |                                   |

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



## Certificate of Analysis

**Certificate Number** 23-28724

**Issued:** 15-Dec-23

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 23-28724

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** Pyramid Park

**Description** One Soil sample.

**Date Received** 06-Dec-23

**Date Started** 06-Dec-23

**Date Completed** 15-Dec-23

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood  
General Manager



2139

# Summary of Chemical Analysis

## Soil Samples

Our Ref 23-28724

Client Ref PN234595

Contract Title Pyramid Park

|               |            |
|---------------|------------|
| Lab No        | 2272911    |
| Sample ID     | TP109      |
| Depth         | 1.00-1.20  |
| Other ID      |            |
| Sample Type   | ES         |
| Sampling Date | 01/12/2023 |
| Sampling Time | n/s        |

| Test                                | Method      | LOD  | Units |        |
|-------------------------------------|-------------|------|-------|--------|
| <b>Preparation</b>                  |             |      |       |        |
| Moisture Content                    | DETSC 1004  | 0.1  | %     | 19     |
| <b>Metals</b>                       |             |      |       |        |
| Arsenic                             | DETSC 2301# | 0.2  | mg/kg | 15     |
| Beryllium                           | DETSC 2301# | 0.2  | mg/kg | 0.7    |
| Boron, Water Soluble (2.5:1)        | DETSC 2311# | 0.2  | mg/kg | 0.3    |
| Cadmium                             | DETSC 2301# | 0.1  | mg/kg | 0.5    |
| Chromium                            | DETSC 2301# | 0.15 | mg/kg | 21     |
| Chromium, Hexavalent                | DETSC 2204* | 1    | mg/kg | < 1.0  |
| Copper                              | DETSC 2301# | 0.2  | mg/kg | 48     |
| Lead                                | DETSC 2301# | 0.3  | mg/kg | 74     |
| Mercury                             | DETSC 2325# | 0.05 | mg/kg | 0.11   |
| Nickel                              | DETSC 2301# | 1    | mg/kg | 20     |
| Selenium                            | DETSC 2301# | 0.5  | mg/kg | < 0.5  |
| Vanadium                            | DETSC 2301# | 0.8  | mg/kg | 32     |
| Zinc                                | DETSC 2301# | 1    | mg/kg | 98     |
| <b>Inorganics</b>                   |             |      |       |        |
| pH                                  | DETSC 2008# |      | pH    | 7.4    |
| Cyanide, Total                      | DETSC 2130# | 0.1  | mg/kg | 0.3    |
| Total Organic Carbon                | DETSC 2084# | 0.5  | %     | 5.0    |
| Sulphide                            | DETSC 2024* | 10   | mg/kg | 79     |
| Sulphate as SO <sub>4</sub> , Total | DETSC 2321# | 0.01 | %     | 0.06   |
| <b>Petroleum Hydrocarbons</b>       |             |      |       |        |
| EPH (C10-C12)                       | DETSC 3311  | 10   | mg/kg | < 10   |
| EPH (C12-C16)                       | DETSC 3311  | 10   | mg/kg | < 10   |
| EPH (C16-C21)                       | DETSC 3311  | 10   | mg/kg | 23     |
| EPH (C21-C36)                       | DETSC 3311  | 10   | mg/kg | 78     |
| EPH (C36-C40)                       | DETSC 3311  | 10   | mg/kg | < 10   |
| EPH (C10-C40)                       | DETSC 3311# | 10   | mg/kg | 110    |
| <b>PAHs</b>                         |             |      |       |        |
| Naphthalene                         | DETSC 3303# | 0.03 | mg/kg | 0.03   |
| Acenaphthylene                      | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Acenaphthene                        | DETSC 3303# | 0.03 | mg/kg | 0.08   |
| Fluorene                            | DETSC 3303  | 0.03 | mg/kg | < 0.03 |
| Phenanthrene                        | DETSC 3303# | 0.03 | mg/kg | 0.47   |
| Anthracene                          | DETSC 3303  | 0.03 | mg/kg | 0.11   |
| Fluoranthene                        | DETSC 3303# | 0.03 | mg/kg | 0.70   |
| Pyrene                              | DETSC 3303# | 0.03 | mg/kg | 0.63   |
| Benzo(a)anthracene                  | DETSC 3303# | 0.03 | mg/kg | 0.19   |
| Chrysene                            | DETSC 3303  | 0.03 | mg/kg | 0.23   |
| Benzo(b)fluoranthene                | DETSC 3303# | 0.03 | mg/kg | 0.22   |
| Benzo(k)fluoranthene                | DETSC 3303# | 0.03 | mg/kg | 0.09   |
| Benzo(a)pyrene                      | DETSC 3303# | 0.03 | mg/kg | 0.19   |

## Summary of Chemical Analysis

### Soil Samples

Our Ref 23-28724  
 Client Ref PN234595  
 Contract Title Pyramid Park

|               |            |
|---------------|------------|
| Lab No        | 2272911    |
| Sample ID     | TP109      |
| Depth         | 1.00-1.20  |
| Other ID      |            |
| Sample Type   | ES         |
| Sampling Date | 01/12/2023 |
| Sampling Time | n/s        |

| Test                    | Method      | LOD  | Units |        |
|-------------------------|-------------|------|-------|--------|
| Indeno(1,2,3-c,d)pyrene | DETSC 3303# | 0.03 | mg/kg | 0.08   |
| Dibenzo(a,h)anthracene  | DETSC 3303# | 0.03 | mg/kg | < 0.03 |
| Benzo(g,h,i)perylene    | DETSC 3303# | 0.03 | mg/kg | 0.09   |
| PAH - USEPA 16, Total   | DETSC 3303  | 0.1  | mg/kg | 3.1    |
| <b>Phenols</b>          |             |      |       |        |
| Phenol - Monohydric     | DETSC 2130# | 0.3  | mg/kg | 0.5    |

## Summary of Asbestos Analysis Soil Samples

Our Ref 23-28724

Client Ref PN234595

Contract Title Pyramid Park

| Lab No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Sample ID       | Material Type | Result | Comment* | Analyst      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------|--------|----------|--------------|
| 2272911                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | TP109 1.00-1.20 | SOIL          | NAD    | none     | Shannon Hope |
| Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: * - not included in laboratory scope of accreditation. |                 |               |        |          |              |

## Information in Support of the Analytical Results

Our Ref 23-28724  
 Client Ref PN234595  
 Contract Pyramid Park

### Containers Received & Deviating Samples

| Lab No  | Sample ID            | Date<br>Sampled | Containers Received         | Hold time             | Inappropriate          |
|---------|----------------------|-----------------|-----------------------------|-----------------------|------------------------|
|         |                      |                 |                             | exceeded for<br>tests | container for<br>tests |
| 2272911 | TP109 1.00-1.20 SOIL | 01/12/23        | GJ 250ml x2, GJ 60ml, PT 1L |                       |                        |

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



## Certificate of Analysis

**Certificate Number** 23-29242

**Issued:** 22-Dec-23

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 23-29242

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** PYRAMID PARK

**Description** 4 Soil samples.

**Date Received** 12-Dec-23

**Date Started** 12-Dec-23

**Date Completed** 22-Dec-23

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood  
General Manager



2139

# Summary of Chemical Analysis

## Soil Samples

Our Ref 23-29242

Client Ref PN234595

Contract Title PYRAMID PARK

| Lab No        | 2275711    | 2275712    | 2275713    | 2275714    |
|---------------|------------|------------|------------|------------|
| Sample ID     | HP111      | HP113      | HP114      | HP115      |
| Depth         | 0.00-0.20  | 0.00-0.20  | 0.00-0.20  | 0.00-0.50  |
| Other ID      |            |            |            |            |
| Sample Type   | ES         | ES         | ES         | ES         |
| Sampling Date | 28/11/2023 | 28/11/2023 | 28/11/2023 | 28/11/2023 |
| Sampling Time | n/s        | n/s        | n/s        | n/s        |

| Test                                | Method      | LOD  | Units |        |        |        |        |
|-------------------------------------|-------------|------|-------|--------|--------|--------|--------|
| <b>Preparation</b>                  |             |      |       |        |        |        |        |
| Moisture Content                    | DETSC 1004  | 0.1  | %     | 2.6    | 25     | 8.6    | 2.6    |
| <b>Metals</b>                       |             |      |       |        |        |        |        |
| Arsenic                             | DETSC 2301# | 0.2  | mg/kg | 9.0    | 4.0    | 4.6    | 2.7    |
| Beryllium                           | DETSC 2301# | 0.2  | mg/kg | 0.3    | 0.5    | 0.3    | 0.3    |
| Boron, Water Soluble (2.5:1)        | DETSC 2311# | 0.2  | mg/kg | 0.2    | 0.5    | 0.4    | 0.2    |
| Cadmium                             | DETSC 2301# | 0.1  | mg/kg | < 0.1  | 0.4    | < 0.1  | 0.2    |
| Chromium                            | DETSC 2301# | 0.15 | mg/kg | 7.9    | 9.0    | 6.6    | 13     |
| Chromium, Hexavalent                | DETSC 2204* | 1    | mg/kg | < 1.0  | < 1.0  | < 1.0  | < 1.0  |
| Copper                              | DETSC 2301# | 0.2  | mg/kg | 18     | 26     | 14     | 18     |
| Lead                                | DETSC 2301# | 0.3  | mg/kg | 19     | 41     | 7.0    | 17     |
| Mercury                             | DETSC 2325# | 0.05 | mg/kg | < 0.05 | 0.07   | < 0.05 | < 0.05 |
| Nickel                              | DETSC 2301# | 1    | mg/kg | 8.4    | 10     | 7.9    | 12     |
| Selenium                            | DETSC 2301# | 0.5  | mg/kg | < 0.5  | < 0.5  | < 0.5  | < 0.5  |
| Vanadium                            | DETSC 2301# | 0.8  | mg/kg | 16     | 21     | 9.5    | 14     |
| Zinc                                | DETSC 2301# | 1    | mg/kg | 42     | 73     | 36     | 61     |
| <b>Inorganics</b>                   |             |      |       |        |        |        |        |
| pH                                  | DETSC 2008# |      | pH    | 7.7    | 6.9    | 8.0    | 8.0    |
| Cyanide, Total                      | DETSC 2130# | 0.1  | mg/kg | 0.1    | 0.2    | < 0.1  | < 0.1  |
| Total Organic Carbon                | DETSC 2084# | 0.5  | %     |        |        | 4.4    | < 0.5  |
| Sulphide                            | DETSC 2024* | 10   | mg/kg | 20     | 24     | 32     | 20     |
| Sulphate as SO <sub>4</sub> , Total | DETSC 2321# | 0.01 | %     | 0.03   | 0.06   | 0.04   | 0.05   |
| <b>Petroleum Hydrocarbons</b>       |             |      |       |        |        |        |        |
| EPH (C10-C12)                       | DETSC 3311  | 10   | mg/kg | < 10   | < 10   | < 10   | < 10   |
| EPH (C12-C16)                       | DETSC 3311  | 10   | mg/kg | < 10   | < 10   | < 10   | < 10   |
| EPH (C16-C21)                       | DETSC 3311  | 10   | mg/kg | < 10   | < 10   | < 10   | < 10   |
| EPH (C21-C36)                       | DETSC 3311  | 10   | mg/kg | 26     | < 10   | < 10   | < 10   |
| EPH (C36-C40)                       | DETSC 3311  | 10   | mg/kg | < 10   | < 10   | < 10   | < 10   |
| EPH (C10-C40)                       | DETSC 3311# | 10   | mg/kg | 29     | < 10   | < 10   | < 10   |
| <b>PAHs</b>                         |             |      |       |        |        |        |        |
| Naphthalene                         | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 0.03   | < 0.03 | < 0.03 |
| Acenaphthylene                      | DETSC 3303# | 0.03 | mg/kg | < 0.03 | < 0.03 | < 0.03 | < 0.03 |
| Acenaphthene                        | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 0.06   | 0.07   | < 0.03 |
| Fluorene                            | DETSC 3303  | 0.03 | mg/kg | < 0.03 | 0.03   | 0.04   | < 0.03 |
| Phenanthrene                        | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 0.21   | 0.29   | < 0.03 |
| Anthracene                          | DETSC 3303  | 0.03 | mg/kg | < 0.03 | 0.04   | 0.07   | < 0.03 |
| Fluoranthene                        | DETSC 3303# | 0.03 | mg/kg | 0.04   | 0.14   | 0.44   | 0.04   |
| Pyrene                              | DETSC 3303# | 0.03 | mg/kg | 0.03   | 0.11   | 0.40   | 0.04   |
| Benzo(a)anthracene                  | DETSC 3303# | 0.03 | mg/kg | < 0.03 | 0.04   | 0.14   | < 0.03 |
| Chrysene                            | DETSC 3303  | 0.03 | mg/kg | < 0.03 | 0.05   | 0.18   | < 0.03 |
| Benzo(b)fluoranthene                | DETSC 3303# | 0.03 | mg/kg | < 0.03 | < 0.03 | 0.17   | < 0.03 |
| Benzo(k)fluoranthene                | DETSC 3303# | 0.03 | mg/kg | < 0.03 | < 0.03 | 0.07   | < 0.03 |
| Benzo(a)pyrene                      | DETSC 3303# | 0.03 | mg/kg | < 0.03 | < 0.03 | 0.13   | < 0.03 |

## Summary of Chemical Analysis Soil Samples

Our Ref 23-29242

Client Ref PN234595

Contract Title PYRAMID PARK

| Lab No        | 2275711    | 2275712    | 2275713    | 2275714    |
|---------------|------------|------------|------------|------------|
| Sample ID     | HP111      | HP113      | HP114      | HP115      |
| Depth         | 0.00-0.20  | 0.00-0.20  | 0.00-0.20  | 0.00-0.50  |
| Other ID      |            |            |            |            |
| Sample Type   | ES         | ES         | ES         | ES         |
| Sampling Date | 28/11/2023 | 28/11/2023 | 28/11/2023 | 28/11/2023 |
| Sampling Time | n/s        | n/s        | n/s        | n/s        |

| Test                    | Method     | LOD  | Units |        |        |        |        |
|-------------------------|------------|------|-------|--------|--------|--------|--------|
| Indeno(1,2,3-c,d)pyrene | DETS 3303# | 0.03 | mg/kg | < 0.03 | < 0.03 | 0.07   | < 0.03 |
| Dibenzo(a,h)anthracene  | DETS 3303# | 0.03 | mg/kg | < 0.03 | < 0.03 | < 0.03 | < 0.03 |
| Benzo(g,h,i)perylene    | DETS 3303# | 0.03 | mg/kg | < 0.03 | < 0.03 | 0.08   | < 0.03 |
| PAH - USEPA 16, Total   | DETS 3303  | 0.1  | mg/kg | < 0.10 | 0.60   | 2.1    | < 0.10 |
| <b>Phenols</b>          |            |      |       |        |        |        |        |
| Phenol - Monohydric     | DETS 2130# | 0.3  | mg/kg | < 0.3  | 0.5    | < 0.3  | < 0.3  |

## Summary of Asbestos Analysis Soil Samples

*Our Ref* 23-29242

*Client Ref* PN234595

*Contract Title* PYRAMID PARK

| Lab No  | Sample ID       | Material Type | Result | Comment* | Analyst      |
|---------|-----------------|---------------|--------|----------|--------------|
| 2275711 | HP111 0.00-0.20 | SOIL          | NAD    | none     | Shannon Hope |
| 2275713 | HP114 0.00-0.20 | SOIL          | NAD    | none     | Shannon Hope |

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: \* - not included in laboratory scope of accreditation.

## Information in Support of the Analytical Results

Our Ref 23-29242  
 Client Ref PN234595  
 Contract PYRAMID PARK

### Containers Received & Deviating Samples

| Lab No  | Sample ID            | Date Sampled | Containers Received         | Holding time exceeded for tests | Inappropriate container for tests |
|---------|----------------------|--------------|-----------------------------|---------------------------------|-----------------------------------|
| 2275711 | HP111 0.00-0.20 SOIL | 28/11/23     | GJ 250ml x2, GJ 60ml        | pH + Conductivity (7 days)      |                                   |
| 2275712 | HP113 0.00-0.20 SOIL | 28/11/23     | GJ 250ml x2, GJ 60ml, PT 1L | pH + Conductivity (7 days)      |                                   |
| 2275713 | HP114 0.00-0.20 SOIL | 28/11/23     | GJ 250ml x2, GJ 60ml, PT 1L | pH + Conductivity (7 days)      |                                   |
| 2275714 | HP115 0.00-0.50 SOIL | 28/11/23     | GJ 250ml x2, GJ 60ml, PT 1L | pH + Conductivity (7 days)      |                                   |

Key: G-Glass J-Jar P-Plastic T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report



## Certificate of Analysis

**Certificate Number** 23-29300

**Issued:** 29-Dec-23

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 23-29300

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** Pyramid Park

**Description** 6 Soil samples.

**Date Received** 12-Dec-23

**Date Started** 12-Dec-23

**Date Completed** 29-Dec-23

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood  
General Manager



2139

## Summary of Chemical Analysis Soil Samples

Our Ref 23-29300

Client Ref PN234595

Contract Title Pyramid Park

| Lab No        | 2276116    | 2276117    | 2276118    | 2276119    | 2276120    | 2276121    |
|---------------|------------|------------|------------|------------|------------|------------|
| Sample ID     | BH104      | BH104      | TP106      | TP106      | TP117      | BH106      |
| Depth         | 0.20       | 1.00       | 0.30-0.50  | 2.80-3.00  | 0.00-0.40  | 0.20       |
| Other ID      |            |            |            |            |            |            |
| Sample Type   | ES         | ES         | ES         | ES         | ES         | ES         |
| Sampling Date | 08/12/2023 | 08/12/2023 | 08/12/2023 | 08/12/2023 | 08/12/2023 | 30/11/2023 |
| Sampling Time | n/s        | n/s        | n/s        | n/s        | n/s        | n/s        |

| Test                                | Method      | LOD  | Units |       |       |       |        |       |       |
|-------------------------------------|-------------|------|-------|-------|-------|-------|--------|-------|-------|
| <b>Preparation</b>                  |             |      |       |       |       |       |        |       |       |
| Moisture Content                    | DETSC 1004  | 0.1  | %     | 12    | 14    | 21    | 14     | 11    | 10    |
| <b>Metals</b>                       |             |      |       |       |       |       |        |       |       |
| Arsenic                             | DETSC 2301# | 0.2  | mg/kg | 19    | 37    | 4.4   | 13     | 14    | 13    |
| Beryllium                           | DETSC 2301# | 0.2  | mg/kg | 1.1   | 1.5   | < 0.2 | 0.8    | 0.9   | 1.4   |
| Boron, Water Soluble (2.5:1)        | DETSC 2311# | 0.2  | mg/kg | 0.5   | 0.6   | < 0.2 | < 0.2  | < 0.2 | 0.6   |
| Cadmium                             | DETSC 2301# | 0.1  | mg/kg | 0.2   | 0.3   | 0.2   | 0.2    | 0.3   | 0.4   |
| Chromium                            | DETSC 2301# | 0.15 | mg/kg | 23    | 27    | 7.3   | 26     | 23    | 19    |
| Chromium, Hexavalent                | DETSC 2204* | 1    | mg/kg | < 1.0 | < 1.0 | < 1.0 | < 1.0  | < 1.0 | < 1.0 |
| Copper                              | DETSC 2301# | 0.2  | mg/kg | 38    | 60    | 11    | 30     | 47    | 73    |
| Lead                                | DETSC 2301# | 0.3  | mg/kg | 59    | 75    | 8.2   | 21     | 63    | 70    |
| Mercury                             | DETSC 2325# | 0.05 | mg/kg | 0.08  | 0.11  | 0.06  | < 0.05 | 0.05  | 0.08  |
| Nickel                              | DETSC 2301# | 1    | mg/kg | 22    | 26    | 5.5   | 19     | 22    | 23    |
| Selenium                            | DETSC 2301# | 0.5  | mg/kg | 0.7   | 0.8   | < 0.5 | < 0.5  | < 0.5 | < 0.5 |
| Vanadium                            | DETSC 2301# | 0.8  | mg/kg | 36    | 46    | 8.8   | 23     | 31    | 41    |
| Zinc                                | DETSC 2301# | 1    | mg/kg | 100   | 110   | 31    | 64     | 87    | 140   |
| <b>Inorganics</b>                   |             |      |       |       |       |       |        |       |       |
| pH                                  | DETSC 2008# |      | pH    | 5.8   | 6.0   | 8.5   | 7.2    | 7.1   | 7.3   |
| Cyanide, Total                      | DETSC 2130# | 0.1  | mg/kg | 0.4   | 0.5   | < 0.1 | < 0.1  | 0.1   | 0.2   |
| Total Organic Carbon                | DETSC 2084# | 0.5  | %     |       | 7.2   | 0.6   |        |       |       |
| Sulphide                            | DETSC 2024* | 10   | mg/kg | 36    | 52    | 16    | 12     | 36    | 28    |
| Sulphate as SO <sub>4</sub> , Total | DETSC 2321# | 0.01 | %     | 0.09  | 0.11  | 0.03  | 0.05   | 0.05  | 0.15  |
| <b>Petroleum Hydrocarbons</b>       |             |      |       |       |       |       |        |       |       |
| Aliphatic C5-C6                     | DETSC 3321* | 0.01 | mg/kg |       |       |       | < 0.01 |       |       |
| Aliphatic C6-C8                     | DETSC 3321* | 0.01 | mg/kg |       |       |       | < 0.01 |       |       |
| Aliphatic C8-C10                    | DETSC 3321* | 0.01 | mg/kg |       |       |       | < 0.01 |       |       |
| Aliphatic C10-C12                   | DETSC 3072# | 1.5  | mg/kg |       |       |       | < 1.5  |       |       |
| Aliphatic C12-C16                   | DETSC 3072# | 1.2  | mg/kg |       |       |       | < 1.2  |       |       |
| Aliphatic C16-C21                   | DETSC 3072# | 1.5  | mg/kg |       |       |       | 6.9    |       |       |
| Aliphatic C21-C35                   | DETSC 3072# | 3.4  | mg/kg |       |       |       | 68     |       |       |
| Aliphatic C5-C35                    | DETSC 3072* | 10   | mg/kg |       |       |       | 75     |       |       |
| Aromatic C5-C7                      | DETSC 3321* | 0.01 | mg/kg |       |       |       | < 0.01 |       |       |
| Aromatic C7-C8                      | DETSC 3321* | 0.01 | mg/kg |       |       |       | < 0.01 |       |       |
| Aromatic C8-C10                     | DETSC 3321* | 0.01 | mg/kg |       |       |       | < 0.01 |       |       |
| Aromatic C10-C12                    | DETSC 3072# | 0.9  | mg/kg |       |       |       | < 0.9  |       |       |
| Aromatic C12-C16                    | DETSC 3072# | 0.5  | mg/kg |       |       |       | 12     |       |       |
| Aromatic C16-C21                    | DETSC 3072# | 0.6  | mg/kg |       |       |       | 90     |       |       |
| Aromatic C21-C35                    | DETSC 3072# | 1.4  | mg/kg |       |       |       | 160    |       |       |
| Aromatic C5-C35                     | DETSC 3072* | 10   | mg/kg |       |       |       | 260    |       |       |
| TPH Ali/Aro Total C5-C35            | DETSC 3072* | 10   | mg/kg |       |       |       | 330    |       |       |
| EPH (C10-C12)                       | DETSC 3311  | 10   | mg/kg | < 10  | < 10  | < 10  | < 10   | < 10  | < 10  |
| EPH (C12-C16)                       | DETSC 3311  | 10   | mg/kg | < 10  | < 10  | < 10  | 92     | 19    | < 10  |

## Summary of Chemical Analysis

### Soil Samples

Our Ref 23-29300

Client Ref PN234595

Contract Title Pyramid Park

| Lab No        | 2276116    | 2276117    | 2276118    | 2276119    | 2276120    | 2276121    |
|---------------|------------|------------|------------|------------|------------|------------|
| Sample ID     | BH104      | BH104      | TP106      | TP106      | TP117      | BH106      |
| Depth         | 0.20       | 1.00       | 0.30-0.50  | 2.80-3.00  | 0.00-0.40  | 0.20       |
| Other ID      |            |            |            |            |            |            |
| Sample Type   | ES         | ES         | ES         | ES         | ES         | ES         |
| Sampling Date | 08/12/2023 | 08/12/2023 | 08/12/2023 | 08/12/2023 | 08/12/2023 | 30/11/2023 |
| Sampling Time | n/s        | n/s        | n/s        | n/s        | n/s        | n/s        |

| Test                    | Method      | LOD  | Units |        |        |        |        |        |        |
|-------------------------|-------------|------|-------|--------|--------|--------|--------|--------|--------|
| EPH (C16-C21)           | DETSC 3311  | 10   | mg/kg | < 10   | < 10   | 30     | 500    | 88     | 59     |
| EPH (C21-C36)           | DETSC 3311  | 10   | mg/kg | < 10   | < 10   | 54     | 1200   | 190    | 220    |
| EPH (C36-C40)           | DETSC 3311  | 10   | mg/kg | < 10   | < 10   | < 10   | 79     | 11     | 12     |
| EPH (C10-C40)           | DETSC 3311# | 10   | mg/kg | < 10   | < 10   | 90     | 1900   | 310    | 300    |
| Benzene                 | DETSC 3321# | 0.01 | mg/kg |        |        |        | < 0.01 |        |        |
| Ethylbenzene            | DETSC 3321# | 0.01 | mg/kg |        |        |        | < 0.01 |        |        |
| Toluene                 | DETSC 3321# | 0.01 | mg/kg |        |        |        | < 0.01 |        |        |
| Xylene                  | DETSC 3321# | 0.01 | mg/kg |        |        |        | < 0.01 |        |        |
| <b>PAHs</b>             |             |      |       |        |        |        |        |        |        |
| Naphthalene             | DETSC 3303# | 0.03 | mg/kg | < 0.03 | < 0.03 | 0.07   | 1.1    | 0.21   | 0.19   |
| Acenaphthylene          | DETSC 3303# | 0.03 | mg/kg | < 0.03 | < 0.03 | < 0.03 | 0.09   | < 0.03 | < 0.03 |
| Acenaphthene            | DETSC 3303# | 0.03 | mg/kg | < 0.03 | < 0.03 | 0.12   | 7.1    | 0.44   | 0.37   |
| Fluorene                | DETSC 3303  | 0.03 | mg/kg | < 0.03 | < 0.03 | 0.07   | 3.8    | 0.27   | 0.22   |
| Phenanthrene            | DETSC 3303# | 0.03 | mg/kg | 0.06   | < 0.03 | 0.47   | 23     | 2.0    | 1.6    |
| Anthracene              | DETSC 3303  | 0.03 | mg/kg | < 0.03 | < 0.03 | 0.10   | 4.5    | 0.38   | 0.39   |
| Fluoranthene            | DETSC 3303# | 0.03 | mg/kg | 0.05   | < 0.03 | 0.58   | 48     | 2.1    | 1.2    |
| Pyrene                  | DETSC 3303# | 0.03 | mg/kg | 0.06   | < 0.03 | 0.60   | 39     | 2.2    | 1.3    |
| Benzo(a)anthracene      | DETSC 3303# | 0.03 | mg/kg | < 0.03 | < 0.03 | 0.17   | 7.3    | 0.59   | 0.37   |
| Chrysene                | DETSC 3303  | 0.03 | mg/kg | < 0.03 | < 0.03 | 0.19   | 7.9    | 0.70   | 0.55   |
| Benzo(b)fluoranthene    | DETSC 3303# | 0.03 | mg/kg | < 0.03 | < 0.03 | 0.16   | 6.5    | 0.60   | 0.45   |
| Benzo(k)fluoranthene    | DETSC 3303# | 0.03 | mg/kg | < 0.03 | < 0.03 | 0.06   | 2.2    | 0.18   | 0.15   |
| Benzo(a)pyrene          | DETSC 3303# | 0.03 | mg/kg | < 0.03 | < 0.03 | 0.13   | 5.0    | 0.44   | 0.37   |
| Indeno(1,2,3-c,d)pyrene | DETSC 3303# | 0.03 | mg/kg | < 0.03 | < 0.03 | 0.05   | 1.7    | 0.15   | 0.10   |
| Dibenzo(a,h)anthracene  | DETSC 3303# | 0.03 | mg/kg | < 0.03 | < 0.03 | < 0.03 | 0.46   | 0.04   | 0.03   |
| Benzo(g,h,i)perylene    | DETSC 3303# | 0.03 | mg/kg | 0.05   | 0.04   | 0.09   | 2.0    | 0.20   | 0.15   |
| PAH - USEPA 16, Total   | DETSC 3303  | 0.1  | mg/kg | 0.22   | < 0.10 | 2.9    | 160    | 10     | 7.4    |
| <b>Phenols</b>          |             |      |       |        |        |        |        |        |        |
| Phenol - Monohydric     | DETSC 2130# | 0.3  | mg/kg | 0.7    | 0.9    | < 0.3  | < 0.3  | < 0.3  | 0.3    |

## Summary of Asbestos Analysis Soil Samples

*Our Ref* 23-29300

*Client Ref* PN234595

*Contract Title* Pyramid Park

| Lab No  | Sample ID       | Material Type | Result | Comment* | Analyst    |
|---------|-----------------|---------------|--------|----------|------------|
| 2276116 | BH104 0.20      | SOIL          | NAD    | none     | Ben Barsby |
| 2276118 | TP106 0.30-0.50 | SOIL          | NAD    | none     | Ben Barsby |

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: \* - not included in laboratory scope of accreditation.

## Information in Support of the Analytical Results

Our Ref 23-29300  
Client Ref PN234595  
Contract Pyramid Park

### Containers Received & Deviating Samples

|         |                      |          |                                |                                 | Inappropriate container for tests |
|---------|----------------------|----------|--------------------------------|---------------------------------|-----------------------------------|
|         |                      | Date     |                                |                                 |                                   |
| Lab No  | Sample ID            | Sampled  | Containers Received            | Holding time exceeded for tests | tests                             |
| 2276116 | BH104 0.20 SOIL      | 08/12/23 | GJ 250ml x2, GJ 60ml x2, PT 1L |                                 |                                   |
| 2276117 | BH104 1.00 SOIL      | 08/12/23 | GJ 250ml x2, GJ 60ml x2, PT 1L |                                 |                                   |
| 2276118 | TP106 0.30-0.50 SOIL | 08/12/23 | GJ 250ml x2, GJ 60ml x2, PT 1L |                                 |                                   |
| 2276119 | TP106 2.80-3.00 SOIL | 08/12/23 | GJ 250ml x2, GJ 60ml x2, PT 1L |                                 |                                   |
| 2276120 | TP117 0.00-0.40 SOIL | 08/12/23 | GJ 250ml x2, GJ 60ml x2, PT 1L |                                 |                                   |
| 2276121 | BH106 0.20 SOIL      | 30/11/23 | GJ 250ml x2, GJ 60ml, PT 1L    | pH + Conductivity (7 days)      |                                   |

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.

Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.

The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report

## **APPENDIX 10**

### **Laboratory Test Results - Contamination (Groundwater)**



## Certificate of Analysis

**Certificate Number** 24-01792

**Issued:** 05-Feb-24

**Client** Geotechnics LTD  
The Geotechnical Centre  
Unit 1B Borders Ind. Park  
River Lane  
Saltney  
Chester  
CH4 8RJ

**Our Reference** 24-01792

**Client Reference** PN234595

**Order No** ON39068

**Contract Title** PYRAMID PARK

**Description** 7 Groundwater samples.

**Date Received** 29-Jan-24

**Date Started** 29-Jan-24

**Date Completed** 05-Feb-24

**Test Procedures** Identified by prefix DETSn (details on request).

**Notes** Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

**Approved By**

A handwritten signature in black ink, appearing to read "K. Bridgewood".

Kirk Bridgewood  
General Manager



## Summary of Chemical Analysis

### Water Samples

Our Ref 24-01792

Client Ref PN234595

Contract Title PYRAMID PARK

| Lab No        | 2292226    | 2292227    | 2292228    | 2292229    | 2292230    | 2292231    | 2292232    |
|---------------|------------|------------|------------|------------|------------|------------|------------|
| Sample ID     | BH01       | BH02       | BH03       | BH04       | BH05       | BH06       | BH08       |
| Depth         |            |            |            |            |            |            |            |
| Other ID      |            | 19mm       |            |            |            | 19mm       |            |
| Sample Type   | EW         | EW         | EW         | EW         | EW         | EW         | EW         |
| Sampling Date | 24/01/2024 | 24/01/2024 | 24/01/2024 | 24/01/2024 | 24/01/2024 | 24/01/2024 | 24/01/2024 |
| Sampling Time | n/s        | n/s        | n/s        | n/s        | n/s        | n/s        | n/s        |

| Test                          | Method      | LOD  | Units |        |        |        |        |        |        |        |
|-------------------------------|-------------|------|-------|--------|--------|--------|--------|--------|--------|--------|
| <b>Metals</b>                 |             |      |       |        |        |        |        |        |        |        |
| Arsenic, Dissolved            | DETSC 2306  | 0.16 | ug/l  | 0.48   | 0.40   | 0.36   | 8.9    | 0.74   | 0.48   | 0.44   |
| Boron, Dissolved              | DETSC 2306* | 12   | ug/l  | 40     | 63     | 86     | 32     | 92     | 42     | 54     |
| Cadmium, Dissolved            | DETSC 2306  | 0.03 | ug/l  | < 0.03 | 0.12   | 0.10   | < 0.03 | 0.20   | 0.03   | < 0.03 |
| Chromium, Dissolved           | DETSC 2306  | 0.25 | ug/l  | 0.49   | 0.27   | < 0.25 | < 0.25 | < 0.25 | < 0.25 | 0.85   |
| Chromium, Hexavalent          | DETSC 2203  | 7    | ug/l  | < 7.0  | < 7.0  | < 7.0  | < 7.0  | < 7.0  | < 7.0  | < 7.0  |
| Copper, Dissolved             | DETSC 2306  | 0.4  | ug/l  | 1.2    | 0.5    | 0.8    | < 0.4  | 1.2    | 0.7    | 5.2    |
| Lead, Dissolved               | DETSC 2306  | 0.09 | ug/l  | 0.29   | 0.11   | < 0.09 | < 0.09 | 0.10   | < 0.09 | 0.26   |
| Mercury, Dissolved            | DETSC 2306  | 0.01 | ug/l  | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Nickel, Dissolved             | DETSC 2306  | 0.5  | ug/l  | 0.9    | 3.8    | 2.9    | 2.0    | 6.7    | 2.7    | 1.9    |
| Selenium, Dissolved           | DETSC 2306  | 0.25 | ug/l  | 0.97   | 0.96   | 0.59   | 0.68   | 0.26   | < 0.25 | < 0.25 |
| Zinc, Dissolved               | DETSC 2306  | 1.3  | ug/l  | 47     | 80     | 87     | 48     | 80     | 95     | 100    |
| <b>Inorganics</b>             |             |      |       |        |        |        |        |        |        |        |
| pH                            | DETSC 2008  |      | pH    | 7.2    | 7.2    | 7.3    | 7.4    | 7.3    | 7.5    | 7.6    |
| Cyanide, Total Low Level      | DETSC 2131  | 0.1  | ug/l  | 1.0    | 0.3    | 0.2    | 0.3    | 0.2    | 0.5    | 0.3    |
| Cyanide, Free Low Level       | DETSC 2131  | 0.1  | ug/l  | 1.1    | 0.2    | < 0.1  | 0.1    | < 0.1  | < 0.1  | 0.2    |
| Phenol - Monohydric Low Level | DETSC 2131  | 1.5  | ug/l  | 8.8    | 9.0    | 7.4    | 15     | 7.2    | 3.3    | 6.2    |
| Thiocyanate                   | DETSC 2130  | 20   | ug/l  | 35     | 32     | 23     | 28     | 24     | < 20   | < 20   |
| Sulphate as SO4               | DETSC 2055  | 0.1  | mg/l  | 57     | 120    | 180    | 36     | 86     | 120    | 6.1    |
| Sulphide                      | DETSC 2208  | 10   | ug/l  | 17     | 70     | 32     | 29     | 80     | < 10   | 17     |
| Sulphur (free)                | DETSC 3049* | 84   | ug/l  | < 84   | < 84   | < 84   | < 84   | < 84   | < 84   | < 84   |
| <b>Petroleum Hydrocarbons</b> |             |      |       |        |        |        |        |        |        |        |
| Aliphatic C5-C6               | DETSC 3322  | 0.1  | ug/l  |        | < 0.1  | < 0.1  | < 0.1  |        | < 0.1  |        |
| Aliphatic C6-C8               | DETSC 3322  | 0.1  | ug/l  |        | < 0.1  | < 0.1  | < 0.1  |        | < 0.1  |        |
| Aliphatic C8-C10              | DETSC 3322  | 0.1  | ug/l  |        | < 0.1  | < 0.1  | < 0.1  |        | < 0.1  |        |
| Aliphatic C10-C12             | DETSC 3072* | 1    | ug/l  |        | < 1.0  | < 1.0  | < 1.0  |        | < 1.0  |        |
| Aliphatic C12-C16             | DETSC 3072* | 1    | ug/l  |        | < 1.0  | < 1.0  | < 1.0  |        | < 1.0  |        |
| Aliphatic C16-C21             | DETSC 3072* | 1    | ug/l  |        | < 1.0  | < 1.0  | < 1.0  |        | < 1.0  |        |
| Aliphatic C21-C35             | DETSC 3072* | 1    | ug/l  |        | < 1.0  | < 1.0  | < 1.0  |        | < 1.0  |        |
| Aliphatic C5-C35              | DETSC 3072* | 10   | ug/l  |        | < 10   | < 10   | < 10   |        | < 10   |        |
| Aromatic C5-C7                | DETSC 3322  | 0.1  | ug/l  |        | < 0.1  | < 0.1  | < 0.1  |        | < 0.1  |        |
| Aromatic C7-C8                | DETSC 3322  | 0.1  | ug/l  |        | < 0.1  | < 0.1  | < 0.1  |        | < 0.1  |        |
| Aromatic C8-C10               | DETSC 3322  | 0.1  | ug/l  |        | < 0.1  | < 0.1  | < 0.1  |        | < 0.1  |        |
| Aromatic C10-C12              | DETSC 3072* | 1    | ug/l  |        | < 1.0  | < 1.0  | < 1.0  |        | < 1.0  |        |
| Aromatic C12-C16              | DETSC 3072* | 1    | ug/l  |        | < 1.0  | < 1.0  | < 1.0  |        | < 1.0  |        |
| Aromatic C16-C21              | DETSC 3072* | 1    | ug/l  |        | < 1.0  | < 1.0  | < 1.0  |        | < 1.0  |        |
| Aromatic C21-C35              | DETSC 3072* | 1    | ug/l  |        | < 1.0  | < 1.0  | < 1.0  |        | < 1.0  |        |
| Aromatic C5-C35               | DETSC 3072* | 10   | ug/l  |        | < 10   | < 10   | < 10   |        | < 10   |        |
| TPH Ali/Aro Total C5-C35      | DETSC 3072* | 10   | ug/l  |        | < 10   | < 10   | < 10   |        | < 10   |        |
| EPH (C10-C40)                 | DETSC 3311  | 10   | ug/l  | 71     | 670    | 80     | 89     | 52     | 58     | 68     |
| Benzene                       | DETSC 3322  | 1    | ug/l  |        | < 1.0  |        |        |        |        |        |
| Toluene                       | DETSC 3322  | 1    | ug/l  |        | < 1.0  |        |        |        |        |        |

## Summary of Chemical Analysis

### Water Samples

Our Ref 24-01792

Client Ref PN234595

Contract Title PYRAMID PARK

| Lab No        | 2292226    | 2292227    | 2292228    | 2292229    | 2292230    | 2292231    | 2292232    |
|---------------|------------|------------|------------|------------|------------|------------|------------|
| Sample ID     | BH01       | BH02       | BH03       | BH04       | BH05       | BH06       | BH08       |
| Depth         |            |            |            |            |            |            |            |
| Other ID      |            | 19mm       |            |            |            | 19mm       |            |
| Sample Type   | EW         | EW         | EW         | EW         | EW         | EW         | EW         |
| Sampling Date | 24/01/2024 | 24/01/2024 | 24/01/2024 | 24/01/2024 | 24/01/2024 | 24/01/2024 | 24/01/2024 |
| Sampling Time | n/s        | n/s        | n/s        | n/s        | n/s        | n/s        | n/s        |

| Test                    | Method      | LOD  | Units |        |        |        |        |        |        |        |
|-------------------------|-------------|------|-------|--------|--------|--------|--------|--------|--------|--------|
| Ethylbenzene            | DETSC 3322  | 1    | ug/l  |        | < 1.0  |        |        |        |        |        |
| Xylene                  | DETSC 3322  | 1    | ug/l  |        | < 1.0  |        |        |        |        |        |
| <b>PAHs</b>             |             |      |       |        |        |        |        |        |        |        |
| Naphthalene             | DETSC 3304  | 0.05 | ug/l  | < 0.05 | 0.24   | < 0.05 | 0.09   | < 0.05 | < 0.05 | < 0.05 |
| Acenaphthylene          | DETSC 3304  | 0.01 | ug/l  | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Acenaphthene            | DETSC 3304  | 0.01 | ug/l  | < 0.01 | 0.07   | < 0.01 | 0.04   | < 0.01 | < 0.01 | < 0.01 |
| Fluorene                | DETSC 3304  | 0.01 | ug/l  | < 0.01 | 0.02   | < 0.01 | 0.02   | < 0.01 | < 0.01 | < 0.01 |
| Phenanthrene            | DETSC 3304  | 0.01 | ug/l  | 0.03   | 0.08   | 0.02   | 0.06   | 0.04   | 0.02   | < 0.01 |
| Anthracene              | DETSC 3304  | 0.01 | ug/l  | < 0.01 | 0.01   | < 0.01 | 0.01   | < 0.01 | < 0.01 | < 0.01 |
| Fluoranthene            | DETSC 3304  | 0.01 | ug/l  | 0.04   | 0.05   | 0.02   | 0.05   | 0.05   | < 0.01 | 0.02   |
| Pyrene                  | DETSC 3304  | 0.01 | ug/l  | 0.05   | 0.05   | 0.02   | 0.04   | 0.06   | 0.01   | 0.03   |
| Benzo(a)anthracene      | DETSC 3304* | 0.01 | ug/l  | 0.01   | 0.02   | < 0.01 | 0.02   | 0.02   | < 0.01 | < 0.01 |
| Chrysene                | DETSC 3304  | 0.01 | ug/l  | 0.02   | 0.03   | 0.01   | 0.02   | 0.03   | < 0.01 | < 0.01 |
| Benzo(b)fluoranthene    | DETSC 3304  | 0.01 | ug/l  | 0.02   | 0.02   | < 0.01 | 0.02   | 0.03   | < 0.01 | < 0.01 |
| Benzo(k)fluoranthene    | DETSC 3304  | 0.01 | ug/l  | < 0.01 | < 0.01 | < 0.01 | < 0.01 | 0.02   | < 0.01 | < 0.01 |
| Benzo(a)pyrene          | DETSC 3304  | 0.01 | ug/l  | 0.01   | < 0.01 | < 0.01 | 0.01   | 0.02   | < 0.01 | < 0.01 |
| Indeno(1,2,3-c,d)pyrene | DETSC 3304  | 0.01 | ug/l  | < 0.01 | < 0.01 | < 0.01 | 0.01   | 0.03   | < 0.01 | < 0.01 |
| Dibenzo(a,h)anthracene  | DETSC 3304  | 0.01 | ug/l  | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 | < 0.01 |
| Benzo(g,h,i)perylene    | DETSC 3304  | 0.01 | ug/l  | 0.01   | 0.01   | < 0.01 | 0.01   | 0.02   | < 0.01 | < 0.01 |
| PAH Total               | DETSC 3304  | 0.2  | ug/l  | 0.20   | 0.60   | < 0.20 | 0.39   | 0.33   | < 0.20 | < 0.20 |
| <b>Phenols</b>          |             |      |       |        |        |        |        |        |        |        |
| Phenol                  | DETSC 3451* | 0.1  | ug/l  |        | < 0.10 |        |        |        |        |        |
| 4-Chloro-3-methylphenol | DETSC 3451* | 0.1  | ug/l  |        | < 0.10 |        |        |        |        |        |
| 2,4-Dichlorophenol      | DETSC 3451* | 0.1  | ug/l  |        | < 0.10 |        |        |        |        |        |
| 2,4-Dimethylphenol      | DETSC 3451* | 0.1  | ug/l  |        | < 0.10 |        |        |        |        |        |
| p-cresol                | DETSC 3451* | 0.1  | ug/l  |        | 0.10   |        |        |        |        |        |
| 2,6-Dimethylphenol      | DETSC 3451* | 0.1  | ug/l  |        | < 0.10 |        |        |        |        |        |
| 2,6-Dichlorophenol      | DETSC 3451* | 0.1  | ug/l  |        | < 0.10 |        |        |        |        |        |
| 2,4,6-Trichlorophenol   | DETSC 3451* | 0.1  | ug/l  |        | < 0.10 |        |        |        |        |        |

## Summary of Chemical Analysis

### Water VOC/SVOC Samples

Our Ref 24-01792

Client Ref PN234595

Contract Title PYRAMID PARK

|               |            |
|---------------|------------|
| Lab No        | 2292227    |
| Sample ID     | BH02       |
| Depth         |            |
| Other ID      | 19mm       |
| Sample Type   | EW         |
| Sampling Date | 24/01/2024 |
| Sampling Time | n/s        |

| Test                       | Method      | LOD | Units |      |
|----------------------------|-------------|-----|-------|------|
| <b>VOCs</b>                |             |     |       |      |
| Dichlorodifluoromethane    | DETSC 3432  | 1   | ug/l  | < 1  |
| Chloromethane              | DETSC 3432  | 1   | ug/l  | < 1  |
| Vinyl Chloride             | DETSC 3432  | 1   | ug/l  | < 1  |
| Bromomethane               | DETSC 3432  | 1   | ug/l  | < 1  |
| Chloroethane               | DETSC 3432  | 1   | ug/l  | < 1  |
| Trichlorofluoromethane     | DETSC 3432* | 1   | ug/l  | < 1  |
| 1,1-dichloroethylene       | DETSC 3432  | 1   | ug/l  | < 1  |
| Methylene Chloride         | DETSC 3432* | 27  | ug/l  | < 27 |
| Trans-1,2-dichloroethylene | DETSC 3432  | 1   | ug/l  | < 1  |
| 1,1-dichloroethane         | DETSC 3432  | 1   | ug/l  | < 1  |
| Cis-1,2-dichloroethylene   | DETSC 3432  | 1   | ug/l  | < 1  |
| 2,2-dichloropropane        | DETSC 3432* | 2   | ug/l  | < 2  |
| Bromochloromethane         | DETSC 3432  | 4   | ug/l  | < 4  |
| Chloroform                 | DETSC 3432  | 1   | ug/l  | < 1  |
| 1,1,1-trichloroethane      | DETSC 3432  | 1   | ug/l  | < 1  |
| 1,1-dichloropropene        | DETSC 3432  | 1   | ug/l  | < 1  |
| Carbon tetrachloride       | DETSC 3432  | 1   | ug/l  | < 1  |
| Benzene                    | DETSC 3432  | 1   | ug/l  | < 1  |
| 1,2-dichloroethane         | DETSC 3432  | 1   | ug/l  | < 1  |
| Trichloroethylene          | DETSC 3432* | 1   | ug/l  | < 1  |
| 1,2-dichloropropane        | DETSC 3432  | 1   | ug/l  | < 1  |
| Dibromomethane             | DETSC 3432  | 1   | ug/l  | < 1  |
| Bromodichloromethane       | DETSC 3432  | 4   | ug/l  | < 4  |
| cis-1,3-dichloropropene    | DETSC 3432  | 1   | ug/l  | < 1  |
| Toluene                    | DETSC 3432  | 1   | ug/l  | < 1  |
| trans-1,3-dichloropropene  | DETSC 3432  | 1   | ug/l  | < 1  |
| 1,1,2-trichloroethane      | DETSC 3432  | 1   | ug/l  | < 1  |
| Tetrachloroethylene        | DETSC 3432  | 1   | ug/l  | < 1  |
| 1,3-dichloropropane        | DETSC 3432  | 1   | ug/l  | < 1  |
| Dibromochloromethane       | DETSC 3432  | 1   | ug/l  | < 1  |
| 1,2-dibromoethane          | DETSC 3432  | 1   | ug/l  | < 1  |
| Chlorobenzene              | DETSC 3432  | 1   | ug/l  | < 1  |
| 1,1,1,2-tetrachloroethane  | DETSC 3432  | 1   | ug/l  | < 1  |
| Ethylbenzene               | DETSC 3432  | 1   | ug/l  | < 1  |
| m+p-Xylene                 | DETSC 3432  | 2   | ug/l  | < 2  |
| o-Xylene                   | DETSC 3432  | 1   | ug/l  | < 1  |
| Styrene                    | DETSC 3432  | 1   | ug/l  | < 1  |
| Bromoform                  | DETSC 3432  | 1   | ug/l  | < 1  |
| Isopropylbenzene           | DETSC 3432  | 1   | ug/l  | < 1  |
| 1,1,2,2-tetrachloroethane  | DETSC 3432  | 1   | ug/l  | < 1  |
| Bromobenzene               | DETSC 3432  | 1   | ug/l  | < 1  |

## Summary of Chemical Analysis

### Water VOC/SVOC Samples

Our Ref 24-01792

Client Ref PN234595

Contract Title PYRAMID PARK

|               |            |
|---------------|------------|
| Lab No        | 2292227    |
| Sample ID     | BH02       |
| Depth         |            |
| Other ID      | 19mm       |
| Sample Type   | EW         |
| Sampling Date | 24/01/2024 |
| Sampling Time | n/s        |

| Test                        | Method      | LOD | Units |       |
|-----------------------------|-------------|-----|-------|-------|
| 1,2,3-trichloropropane      | DETSC 3432  | 1   | ug/l  | < 1   |
| n-propylbenzene             | DETSC 3432  | 1   | ug/l  | < 1   |
| 2-chlorotoluene             | DETSC 3432  | 1   | ug/l  | < 1   |
| 1,3,5-trimethylbenzene      | DETSC 3432  | 1   | ug/l  | < 1   |
| 4-chlorotoluene             | DETSC 3432  | 1   | ug/l  | < 1   |
| Tert-butylbenzene           | DETSC 3432  | 1   | ug/l  | < 1   |
| 1,2,4-trimethylbenzene      | DETSC 3432  | 1   | ug/l  | < 1   |
| sec-butylbenzene            | DETSC 3432  | 1   | ug/l  | < 1   |
| p-isopropyltoluene          | DETSC 3432  | 1   | ug/l  | < 1   |
| 1,3-dichlorobenzene         | DETSC 3432  | 2   | ug/l  | < 2   |
| 1,4-dichlorobenzene         | DETSC 3432  | 1   | ug/l  | < 1   |
| n-butylbenzene              | DETSC 3432  | 1   | ug/l  | < 1   |
| 1,2-dichlorobenzene         | DETSC 3432  | 1   | ug/l  | < 1   |
| 1,2-dibromo-3-chloropropane | DETSC 3432  | 1   | ug/l  | < 1   |
| 1,2,4-trichlorobenzene      | DETSC 3432  | 1   | ug/l  | < 1   |
| Hexachlorobutadiene         | DETSC 3432  | 1   | ug/l  | < 1   |
| 1,2,3-trichlorobenzene      | DETSC 3432  | 1   | ug/l  | < 1   |
| MTBE                        | DETSC 3432* | 1   | ug/l  | < 1   |
| <b>SVOCs</b>                |             |     |       |       |
| Aniline                     | DETSC 3434* | 1   | ug/l  | < 1.0 |
| 2-Chlorophenol              | DETSC 3434* | 1   | ug/l  | < 1.0 |
| Benzyl Alcohol              | DETSC 3434* | 1   | ug/l  | < 1.0 |
| 2-Methylphenol              | DETSC 3434* | 1   | ug/l  | < 1.0 |
| Bis(2-chloroisopropyl)ether | DETSC 3434* | 1   | ug/l  | < 1.0 |
| 3&4-Methylphenol            | DETSC 3434* | 1   | ug/l  | < 1.0 |
| Bis(2-chloroethoxy)methane  | DETSC 3434* | 1   | ug/l  | < 1.0 |
| 1,2,4-Trichlorobenzene      | DETSC 3434* | 1   | ug/l  | < 1.0 |
| 2-Methylnaphthalene         | DETSC 3434* | 1   | ug/l  | < 1.0 |
| Hexachlorocyclopentadiene   | DETSC 3434* | 1   | ug/l  | < 1.0 |
| 2,4,5-Trichlorophenol       | DETSC 3434* | 1   | ug/l  | < 1.0 |
| 2-Chloronaphthalene         | DETSC 3434* | 1   | ug/l  | < 1.0 |
| 2-Nitroaniline              | DETSC 3434* | 1   | ug/l  | < 1.0 |
| 2,4-Dinitrotoluene          | DETSC 3434* | 1   | ug/l  | < 1.0 |
| 3-Nitroaniline              | DETSC 3434* | 1   | ug/l  | < 1.0 |
| 4-Nitrophenol               | DETSC 3434* | 1   | ug/l  | < 1.0 |
| Dibenzofuran                | DETSC 3434* | 1   | ug/l  | < 1.0 |
| 2,6-Dinitrotoluene          | DETSC 3434* | 1   | ug/l  | < 1.0 |
| 2,3,4,6-Tetrachlorophenol   | DETSC 3434* | 1   | ug/l  | < 1.0 |
| Diethylphthalate            | DETSC 3434* | 1   | ug/l  | < 1.0 |
| 4-Chlorophenylphenylether   | DETSC 3434* | 1   | ug/l  | < 1.0 |
| 4-Nitroaniline              | DETSC 3434* | 1   | ug/l  | < 1.0 |
| Diphenylamine               | DETSC 3434* | 1   | ug/l  | < 1.0 |

## Summary of Chemical Analysis

### Water VOC/SVOC Samples

Our Ref 24-01792

Client Ref PN234595

Contract Title PYRAMID PARK

|               |            |
|---------------|------------|
| Lab No        | 2292227    |
| Sample ID     | BH02       |
| Depth         |            |
| Other ID      | 19mm       |
| Sample Type   | EW         |
| Sampling Date | 24/01/2024 |
| Sampling Time | n/s        |

| Test                       | Method      | LOD | Units |       |
|----------------------------|-------------|-----|-------|-------|
| 4-Bromophenylphenylether   | DETSC 3434* | 1   | ug/l  | < 1.0 |
| Hexachlorobenzene          | DETSC 3434* | 1   | ug/l  | < 1.0 |
| Bis(2-ethylhexyl)ester     | DETSC 3434* | 1   | ug/l  | < 1.0 |
| Pentachlorophenol          | DETSC 3434* | 1   | ug/l  | < 1.0 |
| Di-n-butylphthalate        | DETSC 3434* | 1   | ug/l  | < 1.0 |
| Butylbenzylphthalate       | DETSC 3434* | 1   | ug/l  | < 1.0 |
| Bis(2-ethylhexyl)phthalate | DETSC 3434* | 1   | ug/l  | < 1.0 |
| Di-n-octylphthalate        | DETSC 3434* | 1   | ug/l  | < 1.0 |
| 1,4-Dinitrobenzene         | DETSC 3434* | 1   | ug/l  | < 1.0 |
| Dimethylphthalate          | DETSC 3434* | 1   | ug/l  | < 1.0 |
| 1,3-Dinitrobenzene         | DETSC 3434* | 1   | ug/l  | < 1.0 |
| 2,3,5,6-Tetrachlorophenol  | DETSC 3434* | 1   | ug/l  | < 1.0 |
| Azobenzene                 | DETSC 3434* | 1   | ug/l  | < 1.0 |
| Carbazole                  | DETSC 3434* | 1   | ug/l  | < 1.0 |
| 1-Methylnaphthalene        | DETSC 3434* | 1   | ug/l  | < 1.0 |

## Information in Support of the Analytical Results

Our Ref 24-01792  
Client Ref PN234595  
Contract PYRAMID PARK

### Containers Received & Deviating Samples

| Lab No  | Sample ID  | Date Sampled | Containers Received | Holding time exceeded for tests                                                                                              | Inappropriate container for tests |
|---------|------------|--------------|---------------------|------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|
| 2292226 | BH01 WATER | 24/01/24     | GB 1L, GV x2, PB 1L | Chromium, Hexavalent (4 days), Kone (4 days), pH/Cond (1 days), PAH MS (4 days), EPH (4 days)                                |                                   |
| 2292227 | BH02 WATER | 24/01/24     | GB 1L, GV x2, PB 1L | Aliphatics/Aromatics (4 days), Chromium, Hexavalent (4 days), Kone (4 days), pH/Cond (1 days), PAH MS (4 days), EPH (4 days) |                                   |
| 2292228 | BH03 WATER | 24/01/24     | GB 1L, GV x2, PB 1L | Aliphatics/Aromatics (4 days), Chromium, Hexavalent (4 days), Kone (4 days), pH/Cond (1 days), PAH MS (4 days), EPH (4 days) |                                   |
| 2292229 | BH04 WATER | 24/01/24     | GB 1L, GV x2, PB 1L | Aliphatics/Aromatics (4 days), Chromium, Hexavalent (4 days), Kone (4 days), pH/Cond (1 days), PAH MS (4 days), EPH (4 days) |                                   |
| 2292230 | BH05 WATER | 24/01/24     | GB 1L, GV x2, PB 1L | Chromium, Hexavalent (4 days), Kone (4 days), pH/Cond (1 days), PAH MS (4 days), EPH (4 days)                                |                                   |
| 2292231 | BH06 WATER | 24/01/24     | GB 1L, GV x2, PB 1L | Aliphatics/Aromatics (4 days), Chromium, Hexavalent (4 days), Kone (4 days), pH/Cond (1 days), PAH MS (4 days), EPH (4 days) |                                   |
| 2292232 | BH08 WATER | 24/01/24     | GB 1L, GV x2, PB 1L | Chromium, Hexavalent (4 days), Kone (4 days), pH/Cond (1 days), PAH MS (4 days), EPH (4 days)                                |                                   |

Key: G-Glass P-Plastic B-Bottle V-Vial

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

### Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-

Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months

End of Report

# **APPENDIX II**

## **Exploratory Hole Location Plan**

## FIELDWORK RESULTS - Location Summary

Project Pyramid Park, Bury

Engineer Campbell Reith Hill LLP

Project No. PN234595

Client Campbell Reith Hill LLP

| Location | Location Type | Easting (m) | Northing (m) | Ground Level (m OD) | Final Depth (m bgl) |
|----------|---------------|-------------|--------------|---------------------|---------------------|
| BH101    | CP            | 380393.4    | 410333.1     | 86.35               | 6.39                |
| BH102    | CP            | 380426.8    | 410360.3     | 86.74               | 7.78                |
| BH103    | CP            | 380481.7    | 410348.7     | 86.05               | 7.92                |
| BH104    | CP            | 380484.1    | 410306.7     | 85.51               | 7.00                |
| BH105    | CP            | 380534.0    | 410335.7     | 86.21               | 4.38                |
| BH106    | CP            | 380521.7    | 410290.8     | 85.53               | 7.38                |
| BH107    | CP            | 380562.3    | 410266.2     | 90.59               | 11.77               |
| BH108    | CP            | 380616.2    | 410293.1     | 85.57               | 5.39                |
| HP111    | IP            | 380498.2    | 410336.1     | 85.64               | 0.20                |
| HP113    | IP            | 380475.3    | 410298.1     | 85.58               | 0.20                |
| HP114    | IP            | 380533.3    | 410311.9     | 85.56               | 0.20                |
| HP115    | IP            | 380555.1    | 410284.8     | 85.56               | 0.50                |
| HP117E   | IP            | 380591.6    | 410284.8     | 85.96               | 1.10                |
| HP117W   | IP            | 380586.8    | 410285.4     | 85.94               | 1.10                |
| SA101    | TP            | 380461.9    | 410315.6     | 86.11               | 1.20                |
| SA102    | TP            | 380458.1    | 410305.2     | 86.09               | 0.70                |
| TP101    | TP            | 380406.8    | 410371.0     | 85.55               | 2.00                |
| TP102    | TP            | 380416.6    | 410353.1     | 88.42               | 4.00                |
| TP103    | TP            | 380431.4    | 410372.9     | 86.77               | 3.50                |
| TP104    | TP            | 380444.3    | 410367.1     | 87.34               | 2.40                |
| TP106    | TP            | 380423.1    | 410299.9     | 87.56               | 3.40                |
| TP107    | TP            | 380426.6    | 410320.7     | 90.40               | 4.00                |
| TP108    | TP            | 380435.3    | 410303.2     | 89.14               | 3.00                |
| TP109    | TP            | 380446.7    | 410323.9     | 87.81               | 3.00                |
| TP110    | TP            | 380497.6    | 410350.8     | 86.24               | 3.20                |
| TP112    | TP            | 380507.0    | 410313.2     | 85.52               | 0.40                |
| TP116A   | TP            | 380554.5    | 410282.1     | 85.99               | 2.30                |
| TP118    | TP            | 380626.3    | 410287.1     | 85.57               | 1.10                |
| TP119    | TP            | 380398.1    | 410350.4     | 87.05               | 4.30                |
| TP120    | TP            | 380379.2    | 410317.9     | 86.22               | 3.00                |
| TP121    | TP            | 380438.4    | 410351.5     | 86.57               | 4.00                |
| TP122    | TP            | 380459.9    | 410367.1     | 86.76               | 0.80                |
| TP123    | TP            | 380527.5    | 410339.7     | 86.20               | 3.60                |



Legend

-  Locations By Type - CP
-  Locations By Type - IP
-  Locations By Type - TP



Unit 1B Borders Industrial Park  
River Lane  
Saltney  
Chester CH4 8RJ

Phone: 01244 671117  
Email: mail@geotechnics.co.uk  
www.geotechnics.co.uk

Engineer:  
**Campbell Reith Hill LLP**

Client:  
**Campbell Reith Hill LLP**

Project:  
**Pyramid Park, Bury**

Drawing Title:  
**Exploratory Hole Location Plan**

Scale:  
**1:1000 at A3**

Date:  
**29/01/2024**

Project No.:  
**PN234595**

**Exploratory Hole  
Location Plan**

## **APPENDIX 12**

### **Investigation Techniques and General Notes**

## INTRODUCTION

The following brief review of Ground Investigation techniques, generally used as part of most Site Investigations in the UK, summarises their methodology, advantages and limitations. Detailed descriptions of the techniques are available and can be provided on request. This review should be read in conjunction with the accompanying General Notes.

## TRIAL PITS

The trial pit is amongst the simplest yet most effective means of identifying shallow ground conditions on a site. Its advantages include simplicity, speed, potential accuracy and cost-effectiveness. The trial pit is most commonly formed using a back-acting excavator which can typically determine ground conditions to some 4 metres below ground level. Hand excavation is often used to locate, expose and detail existing foundations, features or services. In general, it is difficult to extend pits significantly below the water table in predominantly granular soils, where flows can cause instability. Unless otherwise stated, the trial pits will not have been provided with temporary side support during their construction. Under such circumstances, entrance into the pit is not permitted and hence observations will have been made from the ground surface and samples taken from the excavator bucket.

Where access for personnel is required to allow close observation of the exposed strata, the taking of samples and the carrying out of in situ tests, the sides of the trial pits (Observation Pits in BS 5930:2015) will be made safe using temporary supports or the sides battered back to a stable angle. Some limited access to such Trial Pits (Observation Pits) at depths less than 1m may be allowed in stable conditions or where the sides are benched or battered back to a safe angle.

Trends in strata type, level and thickness can be determined, shear surfaces identified and the behaviour of plant, excavation sides and excavated materials can be related to the construction process. They are particularly valuable in land slip investigations. Some types of in situ test can be undertaken in such pits and large disturbed or block samples obtained.

## CABLE PERCUSSION BORING

The light Cable Percussion technique of soft ground boring, typically at a diameter of 150mm, is a well-established simple and flexible method of boring vertical holes and generally allows data to be obtained in respect of strata conditions other than rock. A tubular cutter (for cohesive soils) or shell with a flap valve (for granular soils) is repeatedly lifted and dropped using a winch and rope operating from an "A" frame. Soil which enters these tools is regularly removed and either sampled for subsequent examination or test, or laid to one side for later removal off site and licensed disposal or, if permitted by the Client, use as backfill. Steel casing will have been used to prevent collapse of the borehole sides where necessary. A degree of disturbance of soil and mixing of layers is inevitable and the presence of very thin layers of different soils within a particular stratum may not be identified. Changes in strata type can only be detected on recognition of a change in soil samples at the surface, after the interface has been passed. For the foregoing reasons, depth measurements should not be considered to be more accurate than 0.10 metre. The technique can determine ground conditions to depths in excess of 30 metres under suitable circumstances and usually causes less surface disturbance than trial pitting.

In cohesive soils cylindrical samples are retrieved by driving or pushing in 100mm nominal diameter tubes. In soft soils, piston sampling or vane testing may be undertaken. In granular soils and often in cohesive materials, in situ Standard Penetration Tests (SPT's) are performed. The SPT records the number of standard blows required to drive a 50mm diameter open or cone ended probe for 300mm after an initial 150mm penetration. A modified method of recording is used in denser strata. Small disturbed samples are obtained throughout.

## ROTARY DRILLING

Rotary Drilling to produce cores by rotating an annular diamond-impregnated tube or barrel into the ground is the technique most appropriate to the forming of site investigation boreholes through rock or other hard strata. It has the advantage of being able to be used vertically or at an angle. Core diameters of less than 100mm are most common for site investigation purposes. Core is normally retrieved in plastic lining tubes. A flushing fluid such as air, water or foam is used to cool the bit and carry cuttings to the surface. Depths in excess of 60 metres can be achieved under suitable circumstances using rotary techniques, with minimal surface disturbance.

Examination of cores allows detailed rock description and generally enables angled discontinuity surfaces to be observed. However, vertical holes do not necessarily reveal the presence of vertical or near-vertical fissures or joint discontinuities. The core type and/or techniques used will depend on the ground conditions. Where open hole rotary drilling is employed, descriptions of strata result from examination at the surface of small particles ejected from the borehole in the flushing medium. In consequence, no indication of fissuring, bedding, consistency or degree of weathering can be obtained.

## DYNAMIC SAMPLING

This technique involves the driving of an open-ended tube into the ground and retrieval of the soil which enters the tube. It was previously called window or windowless sampling. The term "window sample" arose from the original device which had a "window" or slot cut into the side of the tube through which samples were taken. This was superseded by the use of a thin-walled plastic liner to retrieve the soil sample from within a sampler (windowless sampling) which has a solid wall. Line diameters range from 36 to 86mm. Such samples can be used for qualitative logging, selection of samples for classification and chemical analysis and for obtaining a rudimentary assessment of strength.

Driving devices can be hand-held or machine mounted and the drive tubes are typically in 1m lengths. Depending on the type of rig used, the hole formed can be cased to prevent collapse of the borehole sides. Where the type of rig does not allow the insertion of casing, the success of this technique can be limited when soils and groundwater conditions are such that the sides of the hole collapse on withdrawal of the sampler. Obstructions within the ground, the density of the material or its strength can also limit the depth and rate of penetration of this light-weight investigation technique. Nevertheless, it is a valuable tool where access is constrained such as within buildings or on embankments. Depths of up to 10m can be achieved in suitable circumstances depending on the rig type but depths of 5m to 6m are more common.

## EXPLORATORY HOLE RECORDS

The data obtained by these techniques are generally presented on Trial Pit, Borehole, Drillhole or Dynamic Sample Records. The descriptions of strata result from information gathered from a number of sources which may include published geological data, preliminary field observations and descriptions, in situ test results, laboratory test results and specimen descriptions. A key to the symbols and abbreviations used accompanies the records. The descriptions on the exploratory hole records accommodate but may not necessarily be identical to those on any preliminary records or the laboratory summaries.

The records show ground conditions at the exploratory hole locations. The degree to which they can be used to represent conditions between or beyond such holes, however, is a matter for geological interpretation rather than factual reporting and the associated uncertainties must be recognised.

## DYNAMIC PROBING

This technique typically measures the number of blows of a standard weight falling over a standard height to advance a cone-ended rod over sequential standard distances (typically 100mm). Some devices measure the penetration of the probe per standard blow. It is essentially a profiling tool and is best used in conjunction with other investigation techniques where site-specific correlation can be used to delineate the distribution of soft or loose soils or the upper horizon of a dense or strong layer such as rock.

Both machine-driven and hand-driven equipment is available, the selection depending upon access restrictions and the depth of penetration required. It is particularly useful where access for larger equipment is not available, disturbance is to be minimised or where there are cost constraints. No samples are recovered and some techniques leave a sacrificial cone head in the ground. As with other lightweight techniques, progress is limited in strong or dense soils. The results are presented both numerically and graphically. Depths of up to 10m are commonly achieved in suitable circumstances.

The hand-driven DCP probing device has been calibrated by the Highways Agency to provide a profile of CBR values over a range of depths.

## INSTRUMENTATION

The most common form of instrument used in site investigation is either the standpipe or else the standpipe piezometer which can be installed in investigation holes. They are used to facilitate monitoring of groundwater levels and water sampling over a period of time following site work. Normally a standpipe would be formed using rigid plastic tubing which has been perforated or slotted over much of its length whilst a standpipe piezometer would have a filter tip which would be placed at a selected level and the hole sealed above and sometimes below to isolate the zone of interest. Groundwater levels are determined using an electronic "dip meter" to measure the depth to the water surface from ground level. Piezometers can also be used to measure permeability. They are simple and inexpensive instruments for long term monitoring but response times can limit their use in tidal areas and access to the ground surface at each instrument is necessary. Remote reading requires more sophisticated hydraulic, electronic or pneumatic equipment.

Settlement can be monitored using surface or buried target plates whilst lateral movement over a range of depths is monitored using slip indicator or inclinometer equipment.

1. The report is prepared for the exclusive use of the Client named in the document and copyright subsists with Geotechnics Limited. Prior written permission must be obtained to reproduce all or part of the report. It is prepared on the understanding that its contents are only disclosed to parties directly involved in the current investigation, preparation and development of the site.
2. Further copies may be obtained with the Client's written permission, from Geotechnics Limited with whom the master copy of the document will be retained.
3. The report and/or opinion is prepared for the specific purpose stated in the document and in relation to the nature and extent of proposals made available to Geotechnics Limited at that time. Re-consideration will be necessary should those details change. The recommendations should not be used for other schemes on or adjacent to the site without further reference to Geotechnics Limited.
4. The assessment of the significance of the factual data, where called for, is provided to assist the Client and their Engineer and/or Advisers in the preparation of their designs.
5. The report is based on the ground conditions encountered in the exploratory holes together with the results of field and laboratory testing in the context of the proposed development. The data from any commissioned desk study and site reconnaissance are also drawn upon. There may be special conditions appertaining to the site, however, which are not revealed by the investigation and which may not be taken into account in the report.
6. Methods of construction and/or design other than those proposed by the designers or referred to in the report may require consideration during the evolution of the proposals and further assessment of the geotechnical and any geoenvironmental data would be required to provide discussion and evaluations appropriate to these methods.
7. The accuracy of results reported depends upon the technique of measurement, investigation and test used and these values should not be regarded necessarily as characteristics of the strata as a whole (see accompanying notes on Investigation Techniques). Where such measurements are critical, the technique of investigation will need to be reviewed and supplementary investigation undertaken in accordance with the advice of the Company where necessary.
8. The samples selected for laboratory test are prepared and tested in accordance with the relevant Clauses and Parts of BS EN ISO 17892 and BS 1377 Parts 1 to 8, where appropriate, in Geotechnics Limited's UKAS accredited Laboratory, where possible. A list of tests is given.
9. Tests requiring the use of another laboratory having UKAS accreditation where possible are identified.
10. Any unavoidable variations from specified procedures are identified in the report.
11. Specimens are cut vertically, where this is relevant and can be identified, unless otherwise stated
12. All the data required by the test procedures are recorded on individual test sheets but the results in the report are presented in summary form to aid understanding and assimilation for design purposes. Where all details are required, these can be made available.
13. Whilst the report may express an opinion on possible configurations of strata between or beyond exploratory holes, or on the possible presence of features based on either visual, verbal, written, cartographical, photographic or published evidence, this is for guidance only and no liability can be accepted for its accuracy.
14. The Code of Practice for Ground Investigations – BS 5930:2015 calls for man-made soils to be described as Anthropogenic Ground with soils placed in an un-controlled manner classified as Made Ground and soils placed in a controlled manner as Fill. In view of the difficulty in always accurately determining the origin of man-made soils in exploratory holes, Geotechnics Limited classify such materials as Made Ground. Where soils can be clearly identified as being placed in a controlled manner then further classification of the soils as Fill has been added to the Exploratory Hole Records.
15. Classification of man-made soils is based on the inspection of retrieved samples or exposed excavations. Where it is obvious that foreign matter such as paper, plastic or metal is present, classification is clear. Frequently, however, for man-made soils that arise from the adjacent ground or from the backfilling of excavations, their visual characteristics can closely resemble those of undisturbed ground. Other evidence such as site history, exploratory hole location or other tests may need to be drawn upon to provide clarification. For these reasons, classification of soils on the exploratory hole records as either Made Ground or naturally occurring strata, the boundary between them and any interpretation that this gives rise to should be regarded as provisional and subject to re-evaluation in the light of further data.
16. The classification of materials as Topsoil is generally based on visual description and should not be interpreted to mean that the material so described complies with the criteria for Topsoil used in BS 3882:2015. Specific testing would be necessary where such a definition is a requirement.
17. Ground conditions should be monitored during the construction of the works and the report should be re-evaluated in the light of these data by the supervising geotechnical engineers.
18. Any comments on groundwater conditions are based on observations made at the time of the investigation, unless specifically stated otherwise. It should be noted, however, that the observations are subject to the method and speed of boring, drilling or excavation and that groundwater levels will vary due to seasonal or other effects.
19. Any bearing capacities for conventional spread foundations which are given in the report and interpreted from the investigation are for bases at a minimum depth of 1m below finished ground level in naturally occurring strata and at broadly similar levels throughout individual structures, unless otherwise stated. Typically they are based on serviceability criteria taking account of an assessment of the shear strength and/or density data obtained by the investigation. The foundations should be designed in accordance with the good practice embodied in BS 8004:2015 - Foundations, supplemented for housing by NHBC Standards. Foundation design is an iterative process and bearing pressures may need adjustment or other measures may need to be taken in the context of final layouts and levels prior to finalisation of proposals.
20. Unless specifically stated, the investigation does not take account of the possible effects of mineral extraction or of gases from fill or natural sources within, below or outside the site.
21. The costs or economic viability of the proposals referred to in the report, or of the solutions put forward to any problems encountered, will depend on very many factors in addition to geotechnical or geoenvironmental considerations and hence their evaluation is outside the scope of the report.

## Appendix 4

### Hazardous Properties Assessment

## 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)



T6UWN-WWG91-UPXBC

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

## Job name

13819 Townside Fields

## Description/Comments

## Project

13819 Townside Fields

## Site

Townside Fields

## Classified by

Name: **Michael Baber**  
Date: **12 Jul 2022 09:44 GMT**  
Telephone:

Company: **Campbell Reith Consulting Engineers**

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

## HazWasteOnline™ Certification:

Course  
Hazardous Waste Classification

Date

## Job summary

| #  | Sample name | Depth [m] | Classification Result | Hazard properties | Page |
|----|-------------|-----------|-----------------------|-------------------|------|
| 1  | TP01 (0.5)  |           | Non Hazardous         |                   | 2    |
| 2  | TP02 (0.5)  |           | Non Hazardous         |                   | 4    |
| 3  | TP03 (0.5)  |           | Non Hazardous         |                   | 6    |
| 4  | TP03 (2.3)  |           | Non Hazardous         |                   | 8    |
| 5  | TP04A (0.2) |           | Non Hazardous         |                   | 10   |
| 6  | TP05 (0.5)  |           | Non Hazardous         |                   | 12   |
| 7  | TP06 (0.2)  |           | Non Hazardous         |                   | 14   |
| 8  | TP06 (0.5)  |           | Non Hazardous         |                   | 16   |
| 9  | TP07 (0.5)  |           | Non Hazardous         |                   | 18   |
| 10 | TP08 (0.2)  |           | Non Hazardous         |                   | 20   |
| 11 | TP09 (0.5)  |           | Non Hazardous         |                   | 22   |
| 12 | WS01 (0.5)  |           | Non Hazardous         |                   | 24   |
| 13 | WS02 (0.5)  |           | Non Hazardous         |                   | 26   |

## Related documents

| # | Name                                                 | Description                                   |
|---|------------------------------------------------------|-----------------------------------------------|
| 1 | Example waste stream template for contaminated soils | waste stream template used to create this Job |

## Report

Created by: Michael Baber

Created date: 12 Jul 2022 09:44 GMT

## Appendices

|                                                            | Page |
|------------------------------------------------------------|------|
| Appendix A: Classifier defined and non GB MCL determinands | 28   |
| Appendix B: Rationale for selection of metal species       | 29   |
| Appendix C: Version                                        | 30   |

## Classification of sample: TP01 (0.5)



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

## Sample details

|                                       |                                                                                                    |
|---------------------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:                          | LoW Code:                                                                                          |
| <b>TP01 (0.5)</b>                     | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content:                     | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                           |
| <b>14%</b><br>(dry weight correction) |                                                                                                    |

## Hazard properties

None identified

## Determinands

Moisture content: 14% Dry Weight Moisture Correction applied (MC)

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 23                | mg/kg | 1.32         | 26.638         | mg/kg | 0.00266 %            | ✓          |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | 0.7               | mg/kg | 2.775        | 1.704          | mg/kg | 0.00017 %            | ✓          |                |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |       |              |                |       |                      |            |                |
| 3  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.5               | mg/kg | 3.22         | 1.412          | mg/kg | 0.000141 %           | ✓          |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.3               | mg/kg | 1.142        | 0.301          | mg/kg | 0.0000301 %          | ✓          |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |           |            |          | <1                | mg/kg | 2.27         | <2.27          | mg/kg | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 490               | mg/kg | 1.126        | 483.934        | mg/kg | 0.0484 %             | ✓          |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 110               | mg/kg | 1.56         | 150.508        | mg/kg | 0.00965 %            | ✓          |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | 0.29              | mg/kg | 1.353        | 0.344          | mg/kg | 0.0000344 %          | ✓          |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 68                | mg/kg | 2.976        | 177.532        | mg/kg | 0.0178 %             | ✓          |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 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 chromate }                                                                                                                                                                 |           |            |          | 150               | mg/kg | 2.774        | 365.019        | mg/kg | 0.0365 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | 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        | 0.992          | mg/kg | 0.0000992 %          | ✓          |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 13 | pH                                                                                                                                                                                     |           |            |          | 7.2               | pH    |              | 7.2            | pH    | 7.2 pH               |            |                |
|    |                                                                                                                                                                                        |           | pH         |          |                   |       |              |                |       |                      |            |                |
| 14 | naphthalene                                                                                                                                                                            |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 15 | acenaphthylene                                                                                                                                                                         |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    |                                                                                                                                                                                        | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 16 | acenaphthene                                                                                                                                                                           |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    |                                                                                                                                                                                        | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |

| #      | 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 |          |                   |              |                |                      |            |                |
| 17     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 18     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.14 mg/kg        |              | 0.123 mg/kg    | 0.0000123 %          | ✓          |                |
| 19     | anthracene                         | 204-371-1    | 120-12-7   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 20     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.21 mg/kg        |              | 0.184 mg/kg    | 0.0000184 %          | ✓          |                |
| 21     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.19 mg/kg        |              | 0.167 mg/kg    | 0.0000167 %          | ✓          |                |
| 22     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.06 mg/kg        |              | 0.0526 mg/kg   | 0.00000526 %         | ✓          |                |
| 23     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.08 mg/kg        |              | 0.0702 mg/kg   | 0.00000702 %         | ✓          |                |
| 24     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.05 mg/kg        |              | 0.0439 mg/kg   | 0.00000439 %         | ✓          |                |
| 25     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 26     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.03 mg/kg        |              | 0.0263 mg/kg   | 0.00000263 %         | ✓          |                |
| 27     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 28     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 29     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.116 %              |            |                |

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

Classification of sample: TP02 (0.5)

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

Sample details

|                                       |                                                                                                    |
|---------------------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:                          | LoW Code:                                                                                          |
| <b>TP02 (0.5)</b>                     | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content:                     | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                           |
| <b>15%</b><br>(dry weight correction) |                                                                                                    |

Hazard properties

None identified

Determinands

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

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 11                | mg/kg | 1.32         | 12.629         | mg/kg | 0.00126 %            | ✓          |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | 0.6               | mg/kg | 2.775        | 1.448          | mg/kg | 0.000145 %           | ✓          |                |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |       |              |                |       |                      |            |                |
| 3  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.3               | mg/kg | 3.22         | 0.84           | mg/kg | 0.000084 %           | ✓          |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.3               | mg/kg | 1.142        | 0.298          | mg/kg | 0.0000298 %          | ✓          |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |           |            |          | <1                | mg/kg | 2.27         | <2.27          | mg/kg | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 54                | mg/kg | 1.126        | 52.868         | mg/kg | 0.00529 %            | ✓          |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 45                | mg/kg | 1.56         | 61.036         | mg/kg | 0.00391 %            | ✓          |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | 0.05              | mg/kg | 1.353        | 0.0588         | mg/kg | 0.00000588 %         | ✓          |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 19                | mg/kg | 2.976        | 49.173         | mg/kg | 0.00492 %            | ✓          |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 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 chromate }                                                                                                                                                                 |           |            |          | 73                | mg/kg | 2.774        | 176.098        | mg/kg | 0.0176 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | confirm TPH has NOT arisen from diesel or petrol                                                                                                                                       |           |            |          | ☑                 |       |              |                |       |                      |            |                |
|    |                                                                                                                                                                                        |           |            |          |                   |       |              |                |       |                      |            |                |
| 13 | 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 } |           |            |          | 0.2               | mg/kg | 1.884        | 0.328          | mg/kg | 0.0000328 %          | ✓          |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 7.5               | pH    |              | 7.5            | pH    | 7.5 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |
| 15 | naphthalene                                                                                                                                                                            |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 16 | acenaphthylene                                                                                                                                                                         |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    |                                                                                                                                                                                        | 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 |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.0337 %             |            |                |

Key

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

Classification of sample: TP03 (0.5)

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

Sample details

|                                       |                                                                                                    |
|---------------------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:                          | LoW Code:                                                                                          |
| <b>TP03 (0.5)</b>                     | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content:                     | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                           |
| <b>18%</b><br>(dry weight correction) |                                                                                                    |

Hazard properties

None identified

Determinands

Moisture content: 18% Dry Weight Moisture Correction applied (MC)

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 12                | mg/kg | 1.32         | 13.427         | mg/kg | 0.00134 %            | ✓          |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | 0.6               | mg/kg | 2.775        | 1.411          | mg/kg | 0.000141 %           | ✓          |                |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |       |              |                |       |                      |            |                |
| 3  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.4               | mg/kg | 3.22         | 1.091          | mg/kg | 0.000109 %           | ✓          |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.3               | mg/kg | 1.142        | 0.29           | mg/kg | 0.000029 %           | ✓          |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |           |            |          | <1                | mg/kg | 2.27         | <2.27          | mg/kg | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 390               | mg/kg | 1.126        | 372.116        | mg/kg | 0.0372 %             | ✓          |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 67                | mg/kg | 1.56         | 88.566         | mg/kg | 0.00568 %            | ✓          |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | 0.07              | mg/kg | 1.353        | 0.0803         | mg/kg | 0.00000803 %         | ✓          |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 20                | mg/kg | 2.976        | 50.445         | mg/kg | 0.00504 %            | ✓          |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 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 chromate }                                                                                                                                                                 |           |            |          | 91                | mg/kg | 2.774        | 213.938        | mg/kg | 0.0214 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | 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 } |           |            |          | 0.2               | mg/kg | 1.884        | 0.319          | mg/kg | 0.0000319 %          | ✓          |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 13 | pH                                                                                                                                                                                     |           |            |          | 8.2               | pH    |              | 8.2            | pH    | 8.2 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |
| 14 | naphthalene                                                                                                                                                                            |           |            |          | 0.16              | mg/kg |              | 0.136          | mg/kg | 0.0000136 %          | ✓          |                |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 15 | acenaphthylene                                                                                                                                                                         |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    |                                                                                                                                                                                        | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 16 | acenaphthene                                                                                                                                                                           |           |            |          | 0.57              | mg/kg |              | 0.483          | mg/kg | 0.0000483 %          | ✓          |                |
|    |                                                                                                                                                                                        | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |

| #      | 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 |          |                   |              |                |                      |            |                |
| 17     | fluorene                           | 201-695-5    | 86-73-7    |          | 0.26 mg/kg        |              | 0.22 mg/kg     | 0.000022 %           | ✓          |                |
| 18     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.78 mg/kg        |              | 0.661 mg/kg    | 0.0000661 %          | ✓          |                |
| 19     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.16 mg/kg        |              | 0.136 mg/kg    | 0.0000136 %          | ✓          |                |
| 20     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 1.2 mg/kg         |              | 1.017 mg/kg    | 0.000102 %           | ✓          |                |
| 21     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.97 mg/kg        |              | 0.822 mg/kg    | 0.0000822 %          | ✓          |                |
| 22     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.21 mg/kg        |              | 0.178 mg/kg    | 0.0000178 %          | ✓          |                |
| 23     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.3 mg/kg         |              | 0.254 mg/kg    | 0.0000254 %          | ✓          |                |
| 24     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.21 mg/kg        |              | 0.178 mg/kg    | 0.0000178 %          | ✓          |                |
| 25     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.09 mg/kg        |              | 0.0763 mg/kg   | 0.00000763 %         | ✓          |                |
| 26     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.13 mg/kg        |              | 0.11 mg/kg     | 0.000011 %           | ✓          |                |
| 27     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.06 mg/kg        |              | 0.0508 mg/kg   | 0.00000508 %         | ✓          |                |
| 28     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 29     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.06 mg/kg        |              | 0.0508 mg/kg   | 0.00000508 %         | ✓          |                |
| 30     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.0718 %             |            |                |

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

Classification of sample: TP03 (2.3)

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

Sample details

|                                       |                                                                                                    |
|---------------------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:                          | LoW Code:                                                                                          |
| <b>TP03 (2.3)</b>                     | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content:                     | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                           |
| <b>17%</b><br>(dry weight correction) |                                                                                                    |

Hazard properties

None identified

Determinands

Moisture content: 17% Dry Weight Moisture Correction applied (MC)

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 12                | mg/kg | 1.32         | 13.542         | mg/kg | 0.00135 %            | ✓          |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | 1.3               | mg/kg | 2.775        | 3.084          | mg/kg | 0.000308 %           | ✓          |                |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |       |              |                |       |                      |            |                |
| 3  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.2               | mg/kg | 3.22         | 0.55           | mg/kg | 0.000055 %           | ✓          |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.3               | mg/kg | 1.142        | 0.293          | mg/kg | 0.0000293 %          | ✓          |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |           |            |          | <1                | mg/kg | 2.27         | <2.27          | mg/kg | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 70                | mg/kg | 1.126        | 67.361         | mg/kg | 0.00674 %            | ✓          |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 35                | mg/kg | 1.56         | 46.661         | mg/kg | 0.00299 %            | ✓          |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | <0.05             | mg/kg | 1.353        | <0.0677        | mg/kg | <0.00000677 %        |            | <LOD           |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 34                | mg/kg | 2.976        | 86.49          | mg/kg | 0.00865 %            | ✓          |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 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 chromate }                                                                                                                                                                 |           |            |          | 110               | mg/kg | 2.774        | 260.817        | mg/kg | 0.0261 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | <10               | mg/kg |              | <10            | mg/kg | <0.001 %             |            | <LOD           |
|    |                                                                                                                                                                                        |           | TPH        |          |                   |       |              |                |       |                      |            |                |
| 13 | 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 } |           |            |          | 0.2               | mg/kg | 1.884        | 0.322          | mg/kg | 0.0000322 %          | ✓          |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 7.9               | pH    |              | 7.9            | pH    | 7.9 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |
| 15 | naphthalene                                                                                                                                                                            |           |            |          | 0.47              | mg/kg |              | 0.402          | mg/kg | 0.0000402 %          | ✓          |                |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 16 | acenaphthylene                                                                                                                                                                         |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    |                                                                                                                                                                                        | 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 |          |                   |              |                |                      |            |                |
| 17     | • acenaphthene                     | 201-469-6    | 83-32-9    |          | 2 mg/kg           |              | 1.709 mg/kg    | 0.000171 %           | ✓          |                |
| 18     | • fluorene                         | 201-695-5    | 86-73-7    |          | 1.6 mg/kg         |              | 1.368 mg/kg    | 0.000137 %           | ✓          |                |
| 19     | • phenanthrene                     | 201-581-5    | 85-01-8    |          | 4.1 mg/kg         |              | 3.504 mg/kg    | 0.00035 %            | ✓          |                |
| 20     | • anthracene                       | 204-371-1    | 120-12-7   |          | 0.57 mg/kg        |              | 0.487 mg/kg    | 0.000487 %           | ✓          |                |
| 21     | • fluoranthene                     | 205-912-4    | 206-44-0   |          | 2.1 mg/kg         |              | 1.795 mg/kg    | 0.000179 %           | ✓          |                |
| 22     | • pyrene                           | 204-927-3    | 129-00-0   |          | 1.4 mg/kg         |              | 1.197 mg/kg    | 0.00012 %            | ✓          |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.23 mg/kg        |              | 0.197 mg/kg    | 0.0000197 %          | ✓          |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.29 mg/kg        |              | 0.248 mg/kg    | 0.0000248 %          | ✓          |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.14 mg/kg        |              | 0.12 mg/kg     | 0.000012 %           | ✓          |                |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.07 mg/kg        |              | 0.0598 mg/kg   | 0.00000598 %         | ✓          |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.08 mg/kg        |              | 0.0684 mg/kg   | 0.00000684 %         | ✓          |                |
| 28     | • indeno[123-cd]pyrene             | 205-893-2    | 193-39-5   |          | 0.04 mg/kg        |              | 0.0342 mg/kg   | 0.00000342 %         | ✓          |                |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | • benzo[ghi]perylene               | 205-883-8    | 191-24-2   |          | 0.03 mg/kg        |              | 0.0256 mg/kg   | 0.00000256 %         | ✓          |                |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.0488 %             |            |                |

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                                                                   |

Classification of sample: TP04A (0.2)

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

Sample details

|                                       |                                                                                                    |
|---------------------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:                          | LoW Code:                                                                                          |
| <b>TP04A (0.2)</b>                    | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content:                     | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                           |
| <b>11%</b><br>(dry weight correction) |                                                                                                    |

Hazard properties

None identified

Determinands

Moisture content: 11% Dry Weight Moisture Correction applied (MC)

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 1.5               | mg/kg | 1.32         | 1.784          | mg/kg | 0.000178 %           | ✓          |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | <0.2              | mg/kg | 2.775        | <0.555         | mg/kg | <0.0000555 %         |            | <LOD           |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |       |              |                |       |                      |            |                |
| 3  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | <0.2              | mg/kg | 3.22         | <0.644         | mg/kg | <0.0000644 %         |            | <LOD           |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.1               | mg/kg | 1.142        | 0.103          | mg/kg | 0.0000103 %          | ✓          |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |           |            |          | <1                | mg/kg | 2.27         | <2.27          | mg/kg | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 8.5               | mg/kg | 1.126        | 8.622          | mg/kg | 0.000862 %           | ✓          |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 9.9               | mg/kg | 1.56         | 13.912         | mg/kg | 0.000892 %           | ✓          |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | <0.05             | mg/kg | 1.353        | <0.0677        | mg/kg | <0.00000677 %        |            | <LOD           |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 3.8               | mg/kg | 2.976        | 10.189         | mg/kg | 0.00102 %            | ✓          |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 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 chromate }                                                                                                                                                                 |           |            |          | 33                | mg/kg | 2.774        | 82.475         | mg/kg | 0.00825 %            | ✓          |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | 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 } |           |            |          | <0.1              | mg/kg | 1.884        | <0.188         | mg/kg | <0.0000188 %         |            | <LOD           |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 13 | pH                                                                                                                                                                                     |           |            |          | 8                 | pH    |              | 8              | pH    | 8pH                  |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |
| 14 | naphthalene                                                                                                                                                                            |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 15 | acenaphthylene                                                                                                                                                                         |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    |                                                                                                                                                                                        | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 16 | acenaphthene                                                                                                                                                                           |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    |                                                                                                                                                                                        | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |

| #      | 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 |          |                   |              |                |                      |            |                |
| 17     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 18     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.04 mg/kg        |              | 0.036 mg/kg    | 0.0000036 %          | ✓          |                |
| 19     | anthracene                         | 204-371-1    | 120-12-7   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 20     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.05 mg/kg        |              | 0.045 mg/kg    | 0.0000045 %          | ✓          |                |
| 21     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.04 mg/kg        |              | 0.036 mg/kg    | 0.0000036 %          | ✓          |                |
| 22     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 23     | chrysene                           | 601-048-00-0 | 205-923-4  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 24     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 25     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 26     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 27     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 28     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 29     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.0118 %             |            |                |

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

Classification of sample: TP05 (0.5)

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

Sample details

|                                       |                                                                                                    |
|---------------------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:                          | LoW Code:                                                                                          |
| <b>TP05 (0.5)</b>                     | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content:                     | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                           |
| <b>17%</b><br>(dry weight correction) |                                                                                                    |

Hazard properties

None identified

Determinands

Moisture content: 17% Dry Weight Moisture Correction applied (MC)

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 8.4               | mg/kg | 1.32         | 9.479          | mg/kg | 0.000948 %           | ✓          |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | 0.7               | mg/kg | 2.775        | 1.66           | mg/kg | 0.000166 %           | ✓          |                |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |       |              |                |       |                      |            |                |
| 3  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | <0.2              | mg/kg | 3.22         | <0.644         | mg/kg | <0.0000644 %         |            | <LOD           |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.2               | mg/kg | 1.142        | 0.195          | mg/kg | 0.0000195 %          | ✓          |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |           |            |          | <1                | mg/kg | 2.27         | <2.27          | mg/kg | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 27                | mg/kg | 1.126        | 25.982         | mg/kg | 0.0026 %             | ✓          |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 13                | mg/kg | 1.56         | 17.331         | mg/kg | 0.00111 %            | ✓          |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | <0.05             | mg/kg | 1.353        | <0.0677        | mg/kg | <0.00000677 %        |            | <LOD           |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 30                | mg/kg | 2.976        | 76.314         | mg/kg | 0.00763 %            | ✓          |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 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 chromate }                                                                                                                                                                 |           |            |          | 63                | mg/kg | 2.774        | 149.377        | mg/kg | 0.0149 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | 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 } |           |            |          | <0.1              | mg/kg | 1.884        | <0.188         | mg/kg | <0.0000188 %         |            | <LOD           |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 13 | pH                                                                                                                                                                                     |           |            |          | 8.2               | pH    |              | 8.2            | pH    | 8.2 pH               |            |                |
|    |                                                                                                                                                                                        |           | pH         |          |                   |       |              |                |       |                      |            |                |
| 14 | naphthalene                                                                                                                                                                            |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 15 | acenaphthylene                                                                                                                                                                         |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    |                                                                                                                                                                                        | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 16 | acenaphthene                                                                                                                                                                           |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    |                                                                                                                                                                                        | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |

| #      | 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 |          |                   |              |                |                      |            |                |
| 17     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 18     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.04 mg/kg        |              | 0.0342 mg/kg   | 0.00000342 %         | ✓          |                |
| 19     | anthracene                         | 204-371-1    | 120-12-7   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 20     | fluoranthene                       | 205-912-4    | 206-44-0   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 21     | pyrene                             | 204-927-3    | 129-00-0   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 22     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 23     | chrysene                           | 601-048-00-0 | 205-923-4  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 24     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 25     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 26     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 27     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 28     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 29     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.028 %              |            |                |

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

Classification of sample: TP06 (0.2)

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

Sample details

|                                       |                                                                                                    |
|---------------------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:                          | LoW Code:                                                                                          |
| <b>TP06 (0.2)</b>                     | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content:                     | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                           |
| <b>18%</b><br>(dry weight correction) |                                                                                                    |

Hazard properties

None identified

Determinands

Moisture content: 18% Dry Weight Moisture Correction applied (MC)

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 16                | mg/kg | 1.32         | 17.903         | mg/kg | 0.00179 %            | ✓          |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | 0.7               | mg/kg | 2.775        | 1.646          | mg/kg | 0.000165 %           | ✓          |                |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |       |              |                |       |                      |            |                |
| 3  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.5               | mg/kg | 3.22         | 1.364          | mg/kg | 0.000136 %           | ✓          |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.4               | mg/kg | 1.142        | 0.387          | mg/kg | 0.0000387 %          | ✓          |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |           |            |          | <1                | mg/kg | 2.27         | <2.27          | mg/kg | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 45                | mg/kg | 1.126        | 42.936         | mg/kg | 0.00429 %            | ✓          |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 65                | mg/kg | 1.56         | 85.922         | mg/kg | 0.00551 %            | ✓          |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | 0.06              | mg/kg | 1.353        | 0.0688         | mg/kg | 0.00000688 %         | ✓          |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 20                | mg/kg | 2.976        | 50.445         | mg/kg | 0.00504 %            | ✓          |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 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 chromate }                                                                                                                                                                 |           |            |          | 95                | mg/kg | 2.774        | 223.342        | mg/kg | 0.0223 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | 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        | 0.798          | mg/kg | 0.0000798 %          | ✓          |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 13 | pH                                                                                                                                                                                     |           |            |          | 7.5               | pH    |              | 7.5            | pH    | 7.5 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |
| 14 | naphthalene                                                                                                                                                                            |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 15 | acenaphthylene                                                                                                                                                                         |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    |                                                                                                                                                                                        | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 16 | acenaphthene                                                                                                                                                                           |           |            |          | 0.08              | mg/kg |              | 0.0678         | mg/kg | 0.00000678 %         | ✓          |                |
|    |                                                                                                                                                                                        | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |

| #      | 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 |          |                   |              |                |                      |            |                |
| 17     | fluorene                           | 201-695-5    | 86-73-7    |          | 0.04 mg/kg        |              | 0.0339 mg/kg   | 0.0000339 %          | ✓          |                |
| 18     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.49 mg/kg        |              | 0.415 mg/kg    | 0.0000415 %          | ✓          |                |
| 19     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.09 mg/kg        |              | 0.0763 mg/kg   | 0.0000763 %          | ✓          |                |
| 20     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.92 mg/kg        |              | 0.78 mg/kg     | 0.000078 %           | ✓          |                |
| 21     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.84 mg/kg        |              | 0.712 mg/kg    | 0.0000712 %          | ✓          |                |
| 22     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.28 mg/kg        |              | 0.237 mg/kg    | 0.0000237 %          | ✓          |                |
| 23     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.36 mg/kg        |              | 0.305 mg/kg    | 0.0000305 %          | ✓          |                |
| 24     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.3 mg/kg         |              | 0.254 mg/kg    | 0.0000254 %          | ✓          |                |
| 25     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.1 mg/kg         |              | 0.0847 mg/kg   | 0.00000847 %         | ✓          |                |
| 26     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.2 mg/kg         |              | 0.169 mg/kg    | 0.0000169 %          | ✓          |                |
| 27     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.08 mg/kg        |              | 0.0678 mg/kg   | 0.00000678 %         | ✓          |                |
| 28     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 29     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.09 mg/kg        |              | 0.0763 mg/kg   | 0.00000763 %         | ✓          |                |
| 30     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.0401 %             |            |                |

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

Classification of sample: TP06 (0.5)

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

Sample details

|                                       |                                                                                                    |
|---------------------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:                          | LoW Code:                                                                                          |
| <b>TP06 (0.5)</b>                     | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content:                     | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                           |
| <b>13%</b><br>(dry weight correction) |                                                                                                    |

Hazard properties

None identified

Determinands

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

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 10                | mg/kg | 1.32         | 11.684         | mg/kg | 0.00117 %            | ✓          |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | 0.6               | mg/kg | 2.775        | 1.474          | mg/kg | 0.000147 %           | ✓          |                |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |       |              |                |       |                      |            |                |
| 3  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.2               | mg/kg | 3.22         | 0.57           | mg/kg | 0.000057 %           | ✓          |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.4               | mg/kg | 1.142        | 0.404          | mg/kg | 0.0000404 %          | ✓          |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |           |            |          | <1                | mg/kg | 2.27         | <2.27          | mg/kg | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 45                | mg/kg | 1.126        | 44.836         | mg/kg | 0.00448 %            | ✓          |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 55                | mg/kg | 1.56         | 75.92          | mg/kg | 0.00487 %            | ✓          |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | <0.05             | mg/kg | 1.353        | <0.0677        | mg/kg | <0.00000677 %        |            | <LOD           |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 26                | mg/kg | 2.976        | 68.48          | mg/kg | 0.00685 %            | ✓          |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 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 chromate }                                                                                                                                                                 |           |            |          | 400               | mg/kg | 2.774        | 981.999        | mg/kg | 0.0982 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | confirm TPH has NOT arisen from diesel or petrol                                                                                                                                       |           |            |          | ☑                 |       |              |                |       |                      |            |                |
|    |                                                                                                                                                                                        |           |            |          |                   |       |              |                |       |                      |            |                |
| 13 | 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 } |           |            |          | <0.1              | mg/kg | 1.884        | <0.188         | mg/kg | <0.0000188 %         |            | <LOD           |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 7.4               | pH    |              | 7.4            | pH    | 7.4 pH               |            |                |
|    |                                                                                                                                                                                        |           |            |          |                   |       |              |                |       |                      |            |                |
| 15 | naphthalene                                                                                                                                                                            |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 16 | acenaphthylene                                                                                                                                                                         |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    |                                                                                                                                                                                        | 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 |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.15 mg/kg        |              | 0.133 mg/kg    | 0.0000133 %          | ✓          |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.25 mg/kg        |              | 0.221 mg/kg    | 0.0000221 %          | ✓          |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.24 mg/kg        |              | 0.212 mg/kg    | 0.0000212 %          | ✓          |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.08 mg/kg        |              | 0.0708 mg/kg   | 0.00000708 %         | ✓          |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.12 mg/kg        |              | 0.106 mg/kg    | 0.0000106 %          | ✓          |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.09 mg/kg        |              | 0.0796 mg/kg   | 0.00000796 %         | ✓          |                |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.04 mg/kg        |              | 0.0354 mg/kg   | 0.00000354 %         | ✓          |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.05 mg/kg        |              | 0.0442 mg/kg   | 0.00000442 %         | ✓          |                |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.03 mg/kg        |              | 0.0265 mg/kg   | 0.00000265 %         | ✓          |                |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.116 %              |            |                |

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                                                                   |

Classification of sample: TP07 (0.5)

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

Sample details

|                                       |                                                                                                    |
|---------------------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:                          | LoW Code:                                                                                          |
| <b>TP07 (0.5)</b>                     | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content:                     | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                           |
| <b>15%</b><br>(dry weight correction) |                                                                                                    |

Hazard properties

None identified

Determinands

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

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 8.8               | mg/kg | 1.32         | 10.103         | mg/kg | 0.00101 %            | ✓          |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | 0.5               | mg/kg | 2.775        | 1.207          | mg/kg | 0.000121 %           | ✓          |                |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |       |              |                |       |                      |            |                |
| 3  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | <0.2              | mg/kg | 3.22         | <0.644         | mg/kg | <0.0000644 %         |            | <LOD           |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.3               | mg/kg | 1.142        | 0.298          | mg/kg | 0.0000298 %          | ✓          |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |           |            |          | <1                | mg/kg | 2.27         | <2.27          | mg/kg | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 26                | mg/kg | 1.126        | 25.455         | mg/kg | 0.00255 %            | ✓          |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 77                | mg/kg | 1.56         | 104.44         | mg/kg | 0.0067 %             | ✓          |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | <0.05             | mg/kg | 1.353        | <0.0677        | mg/kg | <0.00000677 %        |            | <LOD           |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 15                | mg/kg | 2.976        | 38.821         | mg/kg | 0.00388 %            | ✓          |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 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 chromate }                                                                                                                                                                 |           |            |          | 64                | mg/kg | 2.774        | 154.387        | mg/kg | 0.0154 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | 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 } |           |            |          | <0.1              | mg/kg | 1.884        | <0.188         | mg/kg | <0.0000188 %         |            | <LOD           |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 13 | pH                                                                                                                                                                                     |           |            |          | 7.8               | pH    |              | 7.8            | pH    | 7.8 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |
| 14 | naphthalene                                                                                                                                                                            |           |            |          | 0.09              | mg/kg |              | 0.0783         | mg/kg | 0.00000783 %         | ✓          |                |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 15 | acenaphthylene                                                                                                                                                                         |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    |                                                                                                                                                                                        | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 16 | acenaphthene                                                                                                                                                                           |           |            |          | 0.35              | mg/kg |              | 0.304          | mg/kg | 0.0000304 %          | ✓          |                |
|    |                                                                                                                                                                                        | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |

| #      | 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 |          |                   |              |                |                      |            |                |
| 17     | fluorene                           | 201-695-5    | 86-73-7    |          | 0.19 mg/kg        |              | 0.165 mg/kg    | 0.0000165 %          | ✓          |                |
| 18     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 1.8 mg/kg         |              | 1.565 mg/kg    | 0.000157 %           | ✓          |                |
| 19     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.48 mg/kg        |              | 0.417 mg/kg    | 0.0000417 %          | ✓          |                |
| 20     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 3 mg/kg           |              | 2.609 mg/kg    | 0.000261 %           | ✓          |                |
| 21     | pyrene                             | 204-927-3    | 129-00-0   |          | 2.6 mg/kg         |              | 2.261 mg/kg    | 0.000226 %           | ✓          |                |
| 22     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.98 mg/kg        |              | 0.852 mg/kg    | 0.0000852 %          | ✓          |                |
| 23     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.89 mg/kg        |              | 0.774 mg/kg    | 0.0000774 %          | ✓          |                |
| 24     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.82 mg/kg        |              | 0.713 mg/kg    | 0.0000713 %          | ✓          |                |
| 25     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.32 mg/kg        |              | 0.278 mg/kg    | 0.0000278 %          | ✓          |                |
| 26     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.62 mg/kg        |              | 0.539 mg/kg    | 0.0000539 %          | ✓          |                |
| 27     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.22 mg/kg        |              | 0.191 mg/kg    | 0.0000191 %          | ✓          |                |
| 28     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 29     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.22 mg/kg        |              | 0.191 mg/kg    | 0.0000191 %          | ✓          |                |
| 30     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.0313 %             |            |                |

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

Classification of sample: TP08 (0.2)



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

Sample details

|                                       |                                                                                                    |
|---------------------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:                          | LoW Code:                                                                                          |
| <b>TP08 (0.2)</b>                     | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content:                     | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                           |
| <b>20%</b><br>(dry weight correction) |                                                                                                    |

Hazard properties

None identified

Determinands

Moisture content: 20% Dry Weight Moisture Correction applied (MC)

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 5.3               | mg/kg | 1.32         | 5.831          | mg/kg | 0.000583 %           | ✓          |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | 0.5               | mg/kg | 2.775        | 1.156          | mg/kg | 0.000116 %           | ✓          |                |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |       |              |                |       |                      |            |                |
| 3  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | <0.2              | mg/kg | 3.22         | <0.644         | mg/kg | <0.0000644 %         |            | <LOD           |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.2               | mg/kg | 1.142        | 0.19           | mg/kg | 0.000019 %           | ✓          |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |           |            |          | <1                | mg/kg | 2.27         | <2.27          | mg/kg | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 20                | mg/kg | 1.126        | 18.765         | mg/kg | 0.00188 %            | ✓          |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 10                | mg/kg | 1.56         | 12.998         | mg/kg | 0.000833 %           | ✓          |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | <0.05             | mg/kg | 1.353        | <0.0677        | mg/kg | <0.00000677 %        |            | <LOD           |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 15                | mg/kg | 2.976        | 37.203         | mg/kg | 0.00372 %            | ✓          |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 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 chromate }                                                                                                                                                                 |           |            |          | 52                | mg/kg | 2.774        | 120.213        | mg/kg | 0.012 %              | ✓          |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | 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 } |           |            |          | <0.1              | mg/kg | 1.884        | <0.188         | mg/kg | <0.0000188 %         |            | <LOD           |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 13 | pH                                                                                                                                                                                     |           |            |          | 7.3               | pH    |              | 7.3            | pH    | 7.3 pH               |            |                |
|    |                                                                                                                                                                                        |           | pH         |          |                   |       |              |                |       |                      |            |                |
| 14 | naphthalene                                                                                                                                                                            |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 15 | acenaphthylene                                                                                                                                                                         |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    |                                                                                                                                                                                        | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 16 | acenaphthene                                                                                                                                                                           |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    |                                                                                                                                                                                        | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |

| #      | 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 |          |                   |              |                |                      |            |                |
| 17     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 18     | phenanthrene                       | 201-581-5    | 85-01-8    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 19     | anthracene                         | 204-371-1    | 120-12-7   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 20     | fluoranthene                       | 205-912-4    | 206-44-0   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 21     | pyrene                             | 204-927-3    | 129-00-0   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 22     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 23     | chrysene                           | 601-048-00-0 | 205-923-4  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 24     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 25     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 26     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 27     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 28     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 29     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.0197 %             |            |                |

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

Classification of sample: TP09 (0.5)

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

Sample details

|                                       |                                                                                                    |
|---------------------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:                          | LoW Code:                                                                                          |
| <b>TP09 (0.5)</b>                     | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content:                     | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                           |
| <b>14%</b><br>(dry weight correction) |                                                                                                    |

Hazard properties

None identified

Determinands

Moisture content: 14% Dry Weight Moisture Correction applied (MC)

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 12                | mg/kg | 1.32         | 13.898         | mg/kg | 0.00139 %            | ✓          |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | 1                 | mg/kg | 2.775        | 2.435          | mg/kg | 0.000243 %           | ✓          |                |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |       |              |                |       |                      |            |                |
| 3  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | <0.2              | mg/kg | 3.22         | <0.644         | mg/kg | <0.0000644 %         |            | <LOD           |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.4               | mg/kg | 1.142        | 0.401          | mg/kg | 0.0000401 %          | ✓          |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |           |            |          | <1                | mg/kg | 2.27         | <2.27          | mg/kg | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 410               | mg/kg | 1.126        | 404.925        | mg/kg | 0.0405 %             | ✓          |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 59                | mg/kg | 1.56         | 80.727         | mg/kg | 0.00518 %            | ✓          |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | <0.05             | mg/kg | 1.353        | <0.0677        | mg/kg | <0.00000677 %        |            | <LOD           |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 29                | mg/kg | 2.976        | 75.712         | mg/kg | 0.00757 %            | ✓          |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 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 chromate }                                                                                                                                                                 |           |            |          | 100               | mg/kg | 2.774        | 243.346        | mg/kg | 0.0243 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | <10               | mg/kg |              | <10            | mg/kg | <0.001 %             |            | <LOD           |
|    |                                                                                                                                                                                        |           | TPH        |          |                   |       |              |                |       |                      |            |                |
| 13 | 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 } |           |            |          | 0.1               | mg/kg | 1.884        | 0.165          | mg/kg | 0.0000165 %          | ✓          |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 7.8               | pH    |              | 7.8            | pH    | 7.8 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |
| 15 | naphthalene                                                                                                                                                                            |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 16 | acenaphthylene                                                                                                                                                                         |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    |                                                                                                                                                                                        | 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 |          |                   |              |                |                      |            |                |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | 0.05 mg/kg        |              | 0.0439 mg/kg   | 0.00000439 %         | ✓          |                |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.27 mg/kg        |              | 0.237 mg/kg    | 0.0000237 %          | ✓          |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.05 mg/kg        |              | 0.0439 mg/kg   | 0.00000439 %         | ✓          |                |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.54 mg/kg        |              | 0.474 mg/kg    | 0.0000474 %          | ✓          |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.54 mg/kg        |              | 0.474 mg/kg    | 0.0000474 %          | ✓          |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.18 mg/kg        |              | 0.158 mg/kg    | 0.0000158 %          | ✓          |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.24 mg/kg        |              | 0.211 mg/kg    | 0.0000211 %          | ✓          |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.18 mg/kg        |              | 0.158 mg/kg    | 0.0000158 %          | ✓          |                |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.09 mg/kg        |              | 0.0789 mg/kg   | 0.00000789 %         | ✓          |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.13 mg/kg        |              | 0.114 mg/kg    | 0.0000114 %          | ✓          |                |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.06 mg/kg        |              | 0.0526 mg/kg   | 0.00000526 %         | ✓          |                |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.07 mg/kg        |              | 0.0614 mg/kg   | 0.00000614 %         | ✓          |                |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.081 %              |            |                |

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                                                                   |

Classification of sample: WS01 (0.5)

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

Sample details

|                                        |                                                                                                    |
|----------------------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:                           | LoW Code:                                                                                          |
| <b>WS01 (0.5)</b>                      | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content:                      | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                           |
| <b>6.5%</b><br>(dry weight correction) |                                                                                                    |

Hazard properties

None identified

Determinands

Moisture content: 6.5% Dry Weight Moisture Correction applied (MC)

| #  |                                                                                     | Determinand                                                                                                                                                                                                                                                                |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    |                                                                                     | EU CLP index number                                                                                                                                                                                                                                                        | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  |  | arsenic { arsenic trioxide }                                                                                                                                                                                                                                               |           |            |          | 3                 | mg/kg | 1.32         | 3.719          | mg/kg | 0.000372 %           | ✓          |                |
|    |                                                                                     | 033-003-00-0                                                                                                                                                                                                                                                               | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  |  | beryllium { beryllium oxide }                                                                                                                                                                                                                                              |           |            |          | 0.4               | mg/kg | 2.775        | 1.042          | mg/kg | 0.000104 %           | ✓          |                |
|    |                                                                                     | 004-003-00-8                                                                                                                                                                                                                                                               | 215-133-1 | 1304-56-9  |          |                   |       |              |                |       |                      |            |                |
| 3  |  | boron { diboron trioxide; boric oxide }                                                                                                                                                                                                                                    |           |            |          | <0.2              | mg/kg | 3.22         | <0.644         | mg/kg | <0.0000644 %         |            | <LOD           |
|    |                                                                                     | 005-008-00-8                                                                                                                                                                                                                                                               | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 4  |  | cadmium { cadmium oxide }                                                                                                                                                                                                                                                  |           |            |          | <0.1              | mg/kg | 1.142        | <0.114         | mg/kg | <0.0000114 %         |            | <LOD           |
|    |                                                                                     | 048-002-00-0                                                                                                                                                                                                                                                               | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 5  |  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                                                                                                                   |           |            |          | <1                | mg/kg | 2.27         | <2.27          | mg/kg | <0.000227 %          |            | <LOD           |
|    |                                                                                     | 024-017-00-8                                                                                                                                                                                                                                                               |           |            |          |                   |       |              |                |       |                      |            |                |
| 6  |  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                                                                                                                |           |            |          | 14                | mg/kg | 1.126        | 14.8           | mg/kg | 0.00148 %            | ✓          |                |
|    |                                                                                     | 029-002-00-X                                                                                                                                                                                                                                                               | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  |  | lead { lead chromate }                                                                                                                                                                                                                                                     |           |            | 1        | 9.4               | mg/kg | 1.56         | 13.767         | mg/kg | 0.000883 %           | ✓          |                |
|    |                                                                                     | 082-004-00-2                                                                                                                                                                                                                                                               | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 8  |  | mercury { mercury dichloride }                                                                                                                                                                                                                                             |           |            |          | 0.05              | mg/kg | 1.353        | 0.0635         | mg/kg | 0.00000635 %         | ✓          |                |
|    |                                                                                     | 080-010-00-X                                                                                                                                                                                                                                                               | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  |  | nickel { nickel chromate }                                                                                                                                                                                                                                                 |           |            |          | 22                | mg/kg | 2.976        | 61.482         | mg/kg | 0.00615 %            | ✓          |                |
|    |                                                                                     | 028-035-00-7                                                                                                                                                                                                                                                               | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 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 chromate }                                                                                                                                                                                                                                                     |           |            |          | 46                | mg/kg | 2.774        | 119.822        | mg/kg | 0.012 %              | ✓          |                |
|    |                                                                                     | 024-007-00-3                                                                                                                                                                                                                                                               | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 |  | 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 } |           |            |          | <0.1              | mg/kg | 1.884        | <0.188         | mg/kg | <0.0000188 %         |            | <LOD           |
|    |                                                                                     | 006-007-00-5                                                                                                                                                                                                                                                               |           |            |          |                   |       |              |                |       |                      |            |                |
| 13 |  | pH                                                                                                                                                                                                                                                                         |           |            |          | 9.2               | pH    |              | 9.2            | pH    | 9.2 pH               |            |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | PH         |          |                   |       |              |                |       |                      |            |                |
| 14 |  | naphthalene                                                                                                                                                                                                                                                                |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    |                                                                                     | 601-052-00-2                                                                                                                                                                                                                                                               | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 15 |  | acenaphthylene                                                                                                                                                                                                                                                             |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    |                                                                                     |                                                                                                                                                                                                                                                                            | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 16 |  | acenaphthene                                                                                                                                                                                                                                                               |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    |                                                                                     |                                                                                                                                                                                                                                                                            | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |

| #      | 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 |          |                   |              |                |                      |            |                |
| 17     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 18     | phenanthrene                       | 201-581-5    | 85-01-8    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 19     | anthracene                         | 204-371-1    | 120-12-7   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 20     | fluoranthene                       | 205-912-4    | 206-44-0   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 21     | pyrene                             | 204-927-3    | 129-00-0   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 22     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 23     | chrysene                           | 601-048-00-0 | 205-923-4  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 24     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 25     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 26     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 27     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 28     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 29     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.0215 %             |            |                |

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

Classification of sample: WS02 (0.5)

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

Sample details

|                                       |                                                                                                    |
|---------------------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:                          | LoW Code:                                                                                          |
| <b>WS02 (0.5)</b>                     | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content:                     | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                           |
| <b>11%</b><br>(dry weight correction) |                                                                                                    |

Hazard properties

None identified

Determinands

Moisture content: 11% Dry Weight Moisture Correction applied (MC)

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 7.2               | mg/kg | 1.32         | 8.564          | mg/kg | 0.000856 %           | ✓          |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | 0.7               | mg/kg | 2.775        | 1.75           | mg/kg | 0.000175 %           | ✓          |                |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |       |              |                |       |                      |            |                |
| 3  | boron { diboron trioxide; boric oxide }                                                                                                                                                |           |            |          | 0.3               | mg/kg | 3.22         | 0.87           | mg/kg | 0.000087 %           | ✓          |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.2               | mg/kg | 1.142        | 0.206          | mg/kg | 0.0000206 %          | ✓          |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |           |            |          | <1                | mg/kg | 2.27         | <2.27          | mg/kg | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 40                | mg/kg | 1.126        | 40.573         | mg/kg | 0.00406 %            | ✓          |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 29                | mg/kg | 1.56         | 40.752         | mg/kg | 0.00261 %            | ✓          |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | <0.05             | mg/kg | 1.353        | <0.0677        | mg/kg | <0.00000677 %        |            | <LOD           |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 19                | mg/kg | 2.976        | 50.945         | mg/kg | 0.00509 %            | ✓          |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 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 chromate }                                                                                                                                                                 |           |            |          | 46                | mg/kg | 2.774        | 114.965        | mg/kg | 0.0115 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 | 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 } |           |            |          | <0.1              | mg/kg | 1.884        | <0.188         | mg/kg | <0.0000188 %         |            | <LOD           |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |       |              |                |       |                      |            |                |
| 13 | pH                                                                                                                                                                                     |           |            |          | 8                 | pH    |              | 8              | pH    | 8pH                  |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |       |              |                |       |                      |            |                |
| 14 | naphthalene                                                                                                                                                                            |           |            |          | 0.97              | mg/kg |              | 0.874          | mg/kg | 0.0000874 %          | ✓          |                |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |
| 15 | acenaphthylene                                                                                                                                                                         |           |            |          | 0.04              | mg/kg |              | 0.036          | mg/kg | 0.0000036 %          | ✓          |                |
|    |                                                                                                                                                                                        | 205-917-1 | 208-96-8   |          |                   |       |              |                |       |                      |            |                |
| 16 | acenaphthene                                                                                                                                                                           |           |            |          | 1.2               | mg/kg |              | 1.081          | mg/kg | 0.000108 %           | ✓          |                |
|    |                                                                                                                                                                                        | 201-469-6 | 83-32-9    |          |                   |       |              |                |       |                      |            |                |

| #      | 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 |          |                   |              |                |                      |            |                |
| 17     | fluorene                           | 201-695-5    | 86-73-7    |          | 0.89 mg/kg        |              | 0.802 mg/kg    | 0.0000802 %          | ✓          |                |
| 18     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 4.4 mg/kg         |              | 3.964 mg/kg    | 0.000396 %           | ✓          |                |
| 19     | anthracene                         | 204-371-1    | 120-12-7   |          | 1.4 mg/kg         |              | 1.261 mg/kg    | 0.000126 %           | ✓          |                |
| 20     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 4.1 mg/kg         |              | 3.694 mg/kg    | 0.000369 %           | ✓          |                |
| 21     | pyrene                             | 204-927-3    | 129-00-0   |          | 3.4 mg/kg         |              | 3.063 mg/kg    | 0.000306 %           | ✓          |                |
| 22     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 1.4 mg/kg         |              | 1.261 mg/kg    | 0.000126 %           | ✓          |                |
| 23     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 1.3 mg/kg         |              | 1.171 mg/kg    | 0.000117 %           | ✓          |                |
| 24     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 1.1 mg/kg         |              | 0.991 mg/kg    | 0.0000991 %          | ✓          |                |
| 25     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.45 mg/kg        |              | 0.405 mg/kg    | 0.0000405 %          | ✓          |                |
| 26     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.84 mg/kg        |              | 0.757 mg/kg    | 0.0000757 %          | ✓          |                |
| 27     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.29 mg/kg        |              | 0.261 mg/kg    | 0.0000261 %          | ✓          |                |
| 28     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 29     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.29 mg/kg        |              | 0.261 mg/kg    | 0.0000261 %          | ✓          |                |
| 30     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.5 mg/kg        |              | <0.5 mg/kg     | <0.00005 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.0268 %             |            |                |

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

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

### 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 >= 0.2 %

Reason for additional Hazards Statement(s):

20 Nov 2021 - EUH032 >= 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&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&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&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

### 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

### 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

### 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

### 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

### 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

▪ **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

▪ **confirm TPH has NOT arisen from diesel or petrol**

Description/Comments: Chapter 3, section 4b requires a positive confirmation for benzo[a]pyrene to be used as a marker in evaluating Carc. 1B; H350 (HP 7) and Muta. 1B; H340 (HP 11)  
Data source: WM3 1st Edition 2015  
Data source date: 25 May 2015  
Hazard Statements: None.

▪ **TPH (C6 to C40) petroleum group** (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013  
Data source: WM3 1st Edition 2015  
Data source date: 25 May 2015  
Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , STOT RE 2; H373 , Muta. 1B; H340 , Carc. 1B; H350 , Repr. 2; H361d , Aquatic Chronic 2; H411

## Appendix B: Rationale for selection of metal species

### 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(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) Worse 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 chromate}

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

### mercury {mercury dichloride}

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

### nickel {nickel chromate}

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

### selenium {nickel selenate}

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

### zinc {zinc chromate}

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

### 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)

---

## Appendix C: Version

---

HazWasteOnline Classification Engine: **WM3 1st Edition v1.2.GB - Oct 2021**  
HazWasteOnline Classification Engine Version: 2022.192.5237.9831 (11 Jul 2022)  
HazWasteOnline Database: 2022.192.5237.9831 (11 Jul 2022)

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

## 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)



RYZTM-8TFII-XIY1M

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

## Job name

14111 Pyramid Park Enabling Works

## Description/Comments

## Project

## Site

## Classified by

Name: Peter Kenny  
Date: 27 Feb 2024 17:26 GMT  
Telephone:  
Company: Campbell Reith Consulting Engineers  
Manchester

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

## HazWasteOnline™ Certification:

-

## Course

Hazardous Waste Classification

## Date

-

## Purpose of classification

2 - Material Characterisation

## Address of the waste

Market Street, Bury, Greater Manchester

Post Code BL9 0EQ

## SIC for the process giving rise to the waste

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

Redevelopment of Pyramid Park.

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

Potential waste created during the excavation of soils.

## Description of the waste

Made Ground comprising gravel of various lithologies, brick, concrete and clinker etc.

## Job summary

| #  | Sample name  | Depth [m] | Classification Result | Hazard properties    | Page |
|----|--------------|-----------|-----------------------|----------------------|------|
| 1  | BH101 (0.5)  | 0.5       | Hazardous             | HP 3(i), HP 7, HP 11 | 3    |
| 2  | BH102 (0.5)  | 0.5       | Non Hazardous         |                      | 6    |
| 3  | BH103 (0.5)  | 0.5       | Non Hazardous         |                      | 8    |
| 4  | BH104 (0.2)  | 0.2       | Non Hazardous         |                      | 10   |
| 5  | BH104 (1)    | 1         | Non Hazardous         |                      | 12   |
| 6  | BH105 (0.2)  | 0.2       | Non Hazardous         |                      | 14   |
| 7  | BH106 (0.2)  | 0.2       | Non Hazardous         |                      | 16   |
| 8  | BH107 (1)    | 1         | Non Hazardous         |                      | 18   |
| 9  | BH107 (2)    | 2         | Non Hazardous         |                      | 20   |
| 10 | BH108 (0.5)  | 0.5       | Non Hazardous         |                      | 22   |
| 11 | HP111 (0)    |           | Non Hazardous         |                      | 24   |
| 12 | HP113 (0)    |           | Non Hazardous         |                      | 26   |
| 13 | HP114 (0)    |           | Non Hazardous         |                      | 28   |
| 14 | HP115 (0)    |           | Non Hazardous         |                      | 30   |
| 15 | HP117E (0)   |           | Non Hazardous         |                      | 32   |
| 16 | TP101 (0.3)  | 0.3       | Non Hazardous         |                      | 34   |
| 17 | TP101 (0.8)  | 0.8       | Non Hazardous         |                      | 36   |
| 18 | TP102 (0)    |           | Non Hazardous         |                      | 38   |
| 19 | TP102 (2.5)  | 2.5       | Non Hazardous         |                      | 40   |
| 20 | TP103 (0.3)  | 0.3       | Non Hazardous         |                      | 42   |
| 21 | TP103 (1.5)  | 1.5       | Non Hazardous         |                      | 44   |
| 22 | TP104 (0.8)  | 0.8       | Non Hazardous         |                      | 47   |
| 23 | TP106 (0.3)  | 0.3       | Non Hazardous         |                      | 50   |
| 24 | TP106 (2.8)  | 2.8       | Hazardous             | HP 3(i), HP 7, HP 11 | 52   |
| 25 | TP107 (0.5)  | 0.5       | Non Hazardous         |                      | 55   |
| 26 | TP107 (1.5)  | 1.5       | Non Hazardous         |                      | 57   |
| 27 | TP107 (3.3)  | 3.3       | Hazardous             | HP 3(i), HP 7, HP 11 | 59   |
| 28 | TP108 (0.2)  | 0.2       | Hazardous             | HP 3(i), HP 7, HP 11 | 62   |
| 29 | TP108 (0.8)  | 0.8       | Non Hazardous         |                      | 65   |
| 30 | TP109 (1)    | 1         | Non Hazardous         |                      | 67   |
| 31 | TP110 (0.2)  | 0.2       | Hazardous             | HP 3(i), HP 7, HP 11 | 69   |
| 32 | TP116A (0.4) | 0.4       | Non Hazardous         |                      | 72   |
| 33 | TP119 (1)    | 1         | Non Hazardous         |                      | 74   |
| 34 | TP119 (3)    | 3         | Non Hazardous         |                      | 76   |
| 35 | TP120 (0.6)  | 0.6       | Non Hazardous         |                      | 78   |
| 36 | TP121 (1)    | 1         | Non Hazardous         |                      | 80   |
| 37 | TP121 (3.2)  | 3.2       | Non Hazardous         |                      | 82   |
| 38 | TP122 (0.4)  | 0.4       | Non Hazardous         |                      | 84   |
| 39 | TP123 (0.4)  | 0.4       | Non Hazardous         |                      | 87   |

## Related documents

| # | Name                                                 | Description                                   |
|---|------------------------------------------------------|-----------------------------------------------|
| 1 | Example waste stream template for contaminated soils | waste stream template used to create this Job |

## Report

Created by: Peter Kenny

Created date: 27 Feb 2024 17:26 GMT

| Appendices                                                 | Page |
|------------------------------------------------------------|------|
| Appendix A: Classifier defined and non GB MCL determinands | 90   |
| Appendix B: Rationale for selection of metal species       | 91   |
| Appendix C: Version                                        | 92   |

## Classification of sample: BH101 (0.5)

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

## Sample details

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                 |
| <b>BH101 (0.5)</b>      | Chapter:                                                                                  |
| Sample Depth:           | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.5 m</b>            | Entry:                                                                                    |
| Moisture content:       | 17 05 03 * (Soil and stones containing hazardous substances)                              |
| <b>14%</b>              |                                                                                           |
| (dry 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.: 0.342%)

**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.: 0.342%)

## 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 determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.342%)

## Determinands

Moisture content: 14% Dry Weight Moisture Correction applied (MC)

| # | Determinand                                                                                                       |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|-------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|   | EU CLP index number                                                                                               | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 1 |  arsenic { arsenic trioxide }  |           |            |          | 13 mg/kg          | 1.32         | 15.056 mg/kg   | 0.00151 %            | ✓          |                |
|   | 033-003-00-0                                                                                                      | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2 |  beryllium { beryllium oxide } |           |            |          | 0.7 mg/kg         | 2.775        | 1.704 mg/kg    | 0.00017 %            | ✓          |                |
|   | 004-003-00-8                                                                                                      | 215-133-1 | 1304-56-9  |          |                   |              |                |                      |            |                |
| 3 |  boron { diboron trioxide }    |           |            |          | 0.6 mg/kg         | 3.22         | 1.695 mg/kg    | 0.000169 %           | ✓          |                |
|   | 005-008-00-8                                                                                                      | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. |              | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|--------------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |              |                |              |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.2 mg/kg         | 1.142        | 0.2 mg/kg      | 0.00002 %    |                      | ✓          |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |              |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |           |            |          | <1 mg/kg          | 2.27         | <2.27 mg/kg    | <0.000227 %  |                      |            | <LOD           |
|    | 024-017-00-8                                                                                                                                                                           |           |            |          |                   |              |                |              |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 69 mg/kg          | 1.126        | 68.146 mg/kg   | 0.00681 %    |                      | ✓          |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |              |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 56 mg/kg          | 1.56         | 76.622 mg/kg   | 0.00491 %    |                      | ✓          |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |              |                |              |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | 0.05 mg/kg        | 1.353        | 0.0594 mg/kg   | 0.00000594 % |                      | ✓          |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |              |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 22 mg/kg          | 2.976        | 57.437 mg/kg   | 0.00574 %    |                      | ✓          |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |              |                      |            |                |
| 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 chromate }                                                                                                                                                                 |           |            |          | 78 mg/kg          | 2.774        | 189.81 mg/kg   | 0.019 %      |                      | ✓          |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |              |                |              |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 3900 mg/kg        |              | 3421.053 mg/kg | 0.342 %      |                      | ✓          |                |
|    |                                                                                                                                                                                        |           | TPH        |          |                   |              |                |              |                      |            |                |
| 13 | 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 } |           |            |          | <0.1 mg/kg        | 1.884        | <0.188 mg/kg   | <0.0000188 % |                      |            | <LOD           |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |              |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 8.2 pH            |              | 8.2 pH         | 8.2 pH       |                      |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |              |                      |            |                |
| 15 | naphthalene                                                                                                                                                                            |           |            |          | 5 mg/kg           |              | 4.386 mg/kg    | 0.000439 %   |                      | ✓          |                |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |              |                |              |                      |            |                |
| 16 | acenaphthylene                                                                                                                                                                         |           |            |          | 0.11 mg/kg        |              | 0.0965 mg/kg   | 0.00000965 % |                      | ✓          |                |
|    |                                                                                                                                                                                        | 205-917-1 | 208-96-8   |          |                   |              |                |              |                      |            |                |
| 17 | acenaphthene                                                                                                                                                                           |           |            |          | 5.4 mg/kg         |              | 4.737 mg/kg    | 0.000474 %   |                      | ✓          |                |
|    |                                                                                                                                                                                        | 201-469-6 | 83-32-9    |          |                   |              |                |              |                      |            |                |
| 18 | fluorene                                                                                                                                                                               |           |            |          | 4.2 mg/kg         |              | 3.684 mg/kg    | 0.000368 %   |                      | ✓          |                |
|    |                                                                                                                                                                                        | 201-695-5 | 86-73-7    |          |                   |              |                |              |                      |            |                |
| 19 | phenanthrene                                                                                                                                                                           |           |            |          | 27 mg/kg          |              | 23.684 mg/kg   | 0.00237 %    |                      | ✓          |                |
|    |                                                                                                                                                                                        | 201-581-5 | 85-01-8    |          |                   |              |                |              |                      |            |                |
| 20 | anthracene                                                                                                                                                                             |           |            |          | 6.5 mg/kg         |              | 5.702 mg/kg    | 0.00057 %    |                      | ✓          |                |
|    |                                                                                                                                                                                        | 204-371-1 | 120-12-7   |          |                   |              |                |              |                      |            |                |
| 21 | fluoranthene                                                                                                                                                                           |           |            |          | 19 mg/kg          |              | 16.667 mg/kg   | 0.00167 %    |                      | ✓          |                |
|    |                                                                                                                                                                                        | 205-912-4 | 206-44-0   |          |                   |              |                |              |                      |            |                |
| 22 | pyrene                                                                                                                                                                                 |           |            |          | 19 mg/kg          |              | 16.667 mg/kg   | 0.00167 %    |                      | ✓          |                |
|    |                                                                                                                                                                                        | 204-927-3 | 129-00-0   |          |                   |              |                |              |                      |            |                |
| 23 | benzo[a]anthracene                                                                                                                                                                     |           |            |          | 4.8 mg/kg         |              | 4.211 mg/kg    | 0.000421 %   |                      | ✓          |                |
|    | 601-033-00-9                                                                                                                                                                           | 200-280-6 | 56-55-3    |          |                   |              |                |              |                      |            |                |
| 24 | chrysene                                                                                                                                                                               |           |            |          | 4.5 mg/kg         |              | 3.947 mg/kg    | 0.000395 %   |                      | ✓          |                |
|    | 601-048-00-0                                                                                                                                                                           | 205-923-4 | 218-01-9   |          |                   |              |                |              |                      |            |                |
| 25 | benzo[b]fluoranthene                                                                                                                                                                   |           |            |          | 3.3 mg/kg         |              | 2.895 mg/kg    | 0.000289 %   |                      | ✓          |                |
|    | 601-034-00-4                                                                                                                                                                           | 205-911-9 | 205-99-2   |          |                   |              |                |              |                      |            |                |
| 26 | benzo[k]fluoranthene                                                                                                                                                                   |           |            |          | 1.1 mg/kg         |              | 0.965 mg/kg    | 0.0000965 %  |                      | ✓          |                |
|    | 601-036-00-5                                                                                                                                                                           | 205-916-6 | 207-08-9   |          |                   |              |                |              |                      |            |                |
| 27 | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                     |           |            |          | 2.6 mg/kg         |              | 2.281 mg/kg    | 0.000228 %   |                      | ✓          |                |
|    | 601-032-00-3                                                                                                                                                                           | 200-028-5 | 50-32-8    |          |                   |              |                |              |                      |            |                |
| 28 | indeno[123-cd]pyrene                                                                                                                                                                   |           |            |          | 0.87 mg/kg        |              | 0.763 mg/kg    | 0.0000763 %  |                      | ✓          |                |
|    |                                                                                                                                                                                        | 205-893-2 | 193-39-5   |          |                   |              |                |              |                      |            |                |
| 29 | dibenz[a,h]anthracene                                                                                                                                                                  |           |            |          | 0.28 mg/kg        |              | 0.246 mg/kg    | 0.0000246 %  |                      | ✓          |                |
|    | 601-041-00-2                                                                                                                                                                           | 200-181-8 | 53-70-3    |          |                   |              |                |              |                      |            |                |
| 30 | benzo[ghi]perylene                                                                                                                                                                     |           |            |          | 1.1 mg/kg         |              | 0.965 mg/kg    | 0.0000965 %  |                      | ✓          |                |
|    |                                                                                                                                                                                        | 205-883-8 | 191-24-2   |          |                   |              |                |              |                      |            |                |

| #      | Determinand         |           |            | CLP Note | User entered data | Conv. Factor | Compound conc.   | Classification value | MC Applied | Conc. Not Used |
|--------|---------------------|-----------|------------|----------|-------------------|--------------|------------------|----------------------|------------|----------------|
|        | EU CLP index number | EC Number | CAS Number |          |                   |              |                  |                      |            |                |
| 31     | phenol              |           |            |          | 0.3      mg/kg    |              | 0.263      mg/kg | 0.0000263 %          | ✓          |                |
|        | 604-001-00-2        | 203-632-7 | 108-95-2   |          |                   |              |                  |                      |            |                |
| Total: |                     |           |            |          |                   |              |                  | 0.39 %               |            |                |

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                                                                   |

## Classification of sample: BH102 (0.5)



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

## Sample details

|                         |                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                          |
| <b>BH102 (0.5)</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>0.5 m</b>            |                                                                                                    |
| Moisture content:       |                                                                                                    |
| <b>12%</b>              |                                                                                                    |
| (dry weight correction) |                                                                                                    |

## Hazard properties

None identified

## Determinands

Moisture content: 12% Dry Weight Moisture Correction applied (MC)

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 9.3 mg/kg         | 1.32         | 10.963 mg/kg   | 0.0011 %             | ✓          |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | 0.6 mg/kg         | 2.775        | 1.487 mg/kg    | 0.000149 %           | ✓          |                |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |              |                |                      |            |                |
| 3  | boron { diboron trioxide }                                                                                                                                                             |           |            |          | 0.5 mg/kg         | 3.22         | 1.437 mg/kg    | 0.000144 %           | ✓          |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.4 mg/kg         | 1.142        | 0.408 mg/kg    | 0.0000408 %          | ✓          |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |           |            |          | <1 mg/kg          | 2.27         | <2.27 mg/kg    | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 30 mg/kg          | 1.126        | 30.158 mg/kg   | 0.00302 %            | ✓          |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 57 mg/kg          | 1.56         | 79.383 mg/kg   | 0.00509 %            | ✓          |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |              |                |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | <0.05 mg/kg       | 1.353        | <0.0677 mg/kg  | <0.00000677 %        |            | <LOD           |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 16 mg/kg          | 2.976        | 42.518 mg/kg   | 0.00425 %            | ✓          |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 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 chromate }                                                                                                                                                                 |           |            |          | 78 mg/kg          | 2.774        | 193.199 mg/kg  | 0.0193 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |              |                |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 150 mg/kg         |              | 133.929 mg/kg  | 0.0134 %             | ✓          |                |
|    |                                                                                                                                                                                        |           | TPH        |          |                   |              |                |                      |            |                |
| 13 | 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 } |           |            |          | 0.1 mg/kg         | 1.884        | 0.168 mg/kg    | 0.0000168 %          | ✓          |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 7.2 pH            |              | 7.2 pH         | 7.2 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |                      |            |                |
| 15 | naphthalene                                                                                                                                                                            |           |            |          | 0.21 mg/kg        |              | 0.188 mg/kg    | 0.0000187 %          | ✓          |                |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |              |                |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | 0.1 mg/kg         |              | 0.0893 mg/kg   | 0.0000893 %          | ✓          |                |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | 2.5 mg/kg         |              | 2.232 mg/kg    | 0.000223 %           | ✓          |                |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | 1.3 mg/kg         |              | 1.161 mg/kg    | 0.000116 %           | ✓          |                |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 2.1 mg/kg         |              | 1.875 mg/kg    | 0.000188 %           | ✓          |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.4 mg/kg         |              | 0.357 mg/kg    | 0.0000357 %          | ✓          |                |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 2 mg/kg           |              | 1.786 mg/kg    | 0.000179 %           | ✓          |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 1.7 mg/kg         |              | 1.518 mg/kg    | 0.000152 %           | ✓          |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.47 mg/kg        |              | 0.42 mg/kg     | 0.000042 %           | ✓          |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.55 mg/kg        |              | 0.491 mg/kg    | 0.0000491 %          | ✓          |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.73 mg/kg        |              | 0.652 mg/kg    | 0.0000652 %          | ✓          |                |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.24 mg/kg        |              | 0.214 mg/kg    | 0.0000214 %          | ✓          |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.52 mg/kg        |              | 0.464 mg/kg    | 0.0000464 %          | ✓          |                |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.2 mg/kg         |              | 0.179 mg/kg    | 0.0000179 %          | ✓          |                |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.06 mg/kg        |              | 0.0536 mg/kg   | 0.00000536 %         | ✓          |                |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.38 mg/kg        |              | 0.339 mg/kg    | 0.0000339 %          | ✓          |                |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.0481 %             |            |                |

## 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 Given the nature of the materials (soils) it is not considered to be appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0134%)

## Classification of sample: BH103 (0.5)



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

## Sample details

|                         |                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                          |
| <b>BH103 (0.5)</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>0.5 m</b>            |                                                                                                    |
| Moisture content:       |                                                                                                    |
| <b>20%</b>              |                                                                                                    |
| (dry weight correction) |                                                                                                    |

## Hazard properties

None identified

## Determinands

Moisture content: 20% Dry Weight Moisture Correction applied (MC)

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 10 mg/kg          | 1.32         | 11.003 mg/kg   | 0.0011 %             | ✓          |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | 0.8 mg/kg         | 2.775        | 1.85 mg/kg     | 0.000185 %           | ✓          |                |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |              |                |                      |            |                |
| 3  | boron { diboron trioxide }                                                                                                                                                             |           |            |          | 0.3 mg/kg         | 3.22         | 0.805 mg/kg    | 0.0000805 %          | ✓          |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.4 mg/kg         | 1.142        | 0.381 mg/kg    | 0.0000381 %          | ✓          |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |           |            |          | <1 mg/kg          | 2.27         | <2.27 mg/kg    | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 55 mg/kg          | 1.126        | 51.603 mg/kg   | 0.00516 %            | ✓          |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 50 mg/kg          | 1.56         | 64.992 mg/kg   | 0.00417 %            | ✓          |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |              |                |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | <0.05 mg/kg       | 1.353        | <0.0677 mg/kg  | <0.00000677 %        |            | <LOD           |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 22 mg/kg          | 2.976        | 54.565 mg/kg   | 0.00546 %            | ✓          |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 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 chromate }                                                                                                                                                                 |           |            |          | 120 mg/kg         | 2.774        | 277.415 mg/kg  | 0.0277 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |              |                |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 45 mg/kg          |              | 37.5 mg/kg     | 0.00375 %            | ✓          |                |
|    |                                                                                                                                                                                        |           | TPH        |          |                   |              |                |                      |            |                |
| 13 | 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 } |           |            |          | <0.1 mg/kg        | 1.884        | <0.188 mg/kg   | <0.0000188 %         |            | <LOD           |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 8.1 pH            |              | 8.1 pH         | 8.1 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |                      |            |                |
| 15 | naphthalene                                                                                                                                                                            |           |            |          | 0.05 mg/kg        |              | 0.0417 mg/kg   | 0.00000417 %         | ✓          |                |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |              |                |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | 0.33 mg/kg        |              | 0.275 mg/kg    | 0.0000275 %          | ✓          |                |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | 0.22 mg/kg        |              | 0.183 mg/kg    | 0.0000183 %          | ✓          |                |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 2 mg/kg           |              | 1.667 mg/kg    | 0.000167 %           | ✓          |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.35 mg/kg        |              | 0.292 mg/kg    | 0.0000292 %          | ✓          |                |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 3.7 mg/kg         |              | 3.083 mg/kg    | 0.000308 %           | ✓          |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 3.8 mg/kg         |              | 3.167 mg/kg    | 0.000317 %           | ✓          |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 1.2 mg/kg         |              | 1 mg/kg        | 0.0001 %             | ✓          |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 1.4 mg/kg         |              | 1.167 mg/kg    | 0.000117 %           | ✓          |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 1.3 mg/kg         |              | 1.083 mg/kg    | 0.000108 %           | ✓          |                |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.58 mg/kg        |              | 0.483 mg/kg    | 0.0000483 %          | ✓          |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 1.3 mg/kg         |              | 1.083 mg/kg    | 0.000108 %           | ✓          |                |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.35 mg/kg        |              | 0.292 mg/kg    | 0.0000292 %          | ✓          |                |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.14 mg/kg        |              | 0.117 mg/kg    | 0.0000117 %          | ✓          |                |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.62 mg/kg        |              | 0.517 mg/kg    | 0.0000517 %          | ✓          |                |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.0495 %             |            |                |

## 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 Given the nature of the materials (soils) it is not considered to be appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00375%)

## Classification of sample: BH104 (0.2)



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

## Sample details

|                         |                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                          |
| <b>BH104 (0.2)</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>0.2 m</b>            |                                                                                                    |
| Moisture content:       |                                                                                                    |
| <b>12%</b>              |                                                                                                    |
| (dry weight correction) |                                                                                                    |

## Hazard properties

None identified

## Determinands

Moisture content: 12% Dry Weight Moisture Correction applied (MC)

| #  |                                                                                     | Determinand                                                                                                                                                                                                                                                                |           |            | CLP Note | User entered data | Conv. Factor | Compound conc.     |              | Classification value | MC Applied | Conc. Not Used |
|----|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|--------------------|--------------|----------------------|------------|----------------|
|    |                                                                                     | EU CLP index number                                                                                                                                                                                                                                                        | EC Number | CAS Number |          |                   |              |                    |              |                      |            |                |
| 1  |  | arsenic { arsenic trioxide }                                                                                                                                                                                                                                               |           |            |          | 19      mg/kg     | 1.32         | 22.398      mg/kg  | 0.00224 %    | ✓                    |            |                |
|    |                                                                                     | 033-003-00-0                                                                                                                                                                                                                                                               | 215-481-4 | 1327-53-3  |          |                   |              |                    |              |                      |            |                |
| 2  |  | beryllium { beryllium oxide }                                                                                                                                                                                                                                              |           |            |          | 1.1      mg/kg    | 2.775        | 2.726      mg/kg   | 0.000273 %   | ✓                    |            |                |
|    |                                                                                     | 004-003-00-8                                                                                                                                                                                                                                                               | 215-133-1 | 1304-56-9  |          |                   |              |                    |              |                      |            |                |
| 3  |  | boron { diboron trioxide }                                                                                                                                                                                                                                                 |           |            |          | 0.5      mg/kg    | 3.22         | 1.437      mg/kg   | 0.000144 %   | ✓                    |            |                |
|    |                                                                                     | 005-008-00-8                                                                                                                                                                                                                                                               | 215-125-8 | 1303-86-2  |          |                   |              |                    |              |                      |            |                |
| 4  |  | cadmium { cadmium oxide }                                                                                                                                                                                                                                                  |           |            |          | 0.2      mg/kg    | 1.142        | 0.204      mg/kg   | 0.0000204 %  | ✓                    |            |                |
|    |                                                                                     | 048-002-00-0                                                                                                                                                                                                                                                               | 215-146-2 | 1306-19-0  |          |                   |              |                    |              |                      |            |                |
| 5  |  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                                                                                                                   |           |            |          | <1      mg/kg     | 2.27         | <2.27      mg/kg   | <0.000227 %  |                      | <LOD       |                |
|    |                                                                                     | 024-017-00-8                                                                                                                                                                                                                                                               |           |            |          |                   |              |                    |              |                      |            |                |
| 6  |  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                                                                                                                |           |            |          | 38      mg/kg     | 1.126        | 38.2      mg/kg    | 0.00382 %    | ✓                    |            |                |
|    |                                                                                     | 029-002-00-X                                                                                                                                                                                                                                                               | 215-270-7 | 1317-39-1  |          |                   |              |                    |              |                      |            |                |
| 7  |  | lead { lead chromate }                                                                                                                                                                                                                                                     |           |            | 1        | 59      mg/kg     | 1.56         | 82.169      mg/kg  | 0.00527 %    | ✓                    |            |                |
|    |                                                                                     | 082-004-00-2                                                                                                                                                                                                                                                               | 231-846-0 | 7758-97-6  |          |                   |              |                    |              |                      |            |                |
| 8  |  | mercury { mercury dichloride }                                                                                                                                                                                                                                             |           |            |          | 0.08      mg/kg   | 1.353        | 0.0967      mg/kg  | 0.00000967 % | ✓                    |            |                |
|    |                                                                                     | 080-010-00-X                                                                                                                                                                                                                                                               | 231-299-8 | 7487-94-7  |          |                   |              |                    |              |                      |            |                |
| 9  |  | nickel { nickel chromate }                                                                                                                                                                                                                                                 |           |            |          | 22      mg/kg     | 2.976        | 58.462      mg/kg  | 0.00585 %    | ✓                    |            |                |
|    |                                                                                     | 028-035-00-7                                                                                                                                                                                                                                                               | 238-766-5 | 14721-18-7 |          |                   |              |                    |              |                      |            |                |
| 10 |  | selenium { nickel selenate }                                                                                                                                                                                                                                               |           |            |          | 0.7      mg/kg    | 2.554        | 1.596      mg/kg   | 0.00016 %    | ✓                    |            |                |
|    |                                                                                     | 028-031-00-5                                                                                                                                                                                                                                                               | 239-125-2 | 15060-62-5 |          |                   |              |                    |              |                      |            |                |
| 11 |  | zinc { zinc chromate }                                                                                                                                                                                                                                                     |           |            |          | 100      mg/kg    | 2.774        | 247.692      mg/kg | 0.0248 %     | ✓                    |            |                |
|    |                                                                                     | 024-007-00-3                                                                                                                                                                                                                                                               | 236-878-9 | 13530-65-9 |          |                   |              |                    |              |                      |            |                |
| 12 |  | TPH (C6 to C40) petroleum group                                                                                                                                                                                                                                            |           |            |          | <10      mg/kg    |              | <10      mg/kg     | <0.001 %     |                      | <LOD       |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | TPH        |          |                   |              |                    |              |                      |            |                |
| 13 |  | 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 } |           |            |          | 0.4      mg/kg    | 1.884        | 0.673      mg/kg   | 0.0000673 %  | ✓                    |            |                |
|    |                                                                                     | 006-007-00-5                                                                                                                                                                                                                                                               |           |            |          |                   |              |                    |              |                      |            |                |
| 14 |  | pH                                                                                                                                                                                                                                                                         |           |            |          | 5.8      pH       |              | 5.8      pH        | 5.8 pH       |                      |            |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | PH         |          |                   |              |                    |              |                      |            |                |
| 15 |                                                                                     | naphthalene                                                                                                                                                                                                                                                                |           |            |          | <0.03      mg/kg  |              | <0.03      mg/kg   | <0.000003 %  |                      | <LOD       |                |
|    |                                                                                     | 601-052-00-2                                                                                                                                                                                                                                                               | 202-049-5 | 91-20-3    |          |                   |              |                    |              |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.06 mg/kg        |              | 0.0536 mg/kg   | 0.00000536 %         | ✓          |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.05 mg/kg        |              | 0.0446 mg/kg   | 0.00000446 %         | ✓          |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.06 mg/kg        |              | 0.0536 mg/kg   | 0.00000536 %         | ✓          |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.05 mg/kg        |              | 0.0446 mg/kg   | 0.00000446 %         | ✓          |                |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | 0.7 mg/kg         |              | 0.625 mg/kg    | 0.0000625 %          | ✓          |                |
| 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                                                                   |

## Classification of sample: BH104 (1)



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

## Sample details

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                 |
| <b>BH104 (1)</b>        | Chapter:                                                                                  |
| Sample Depth:           | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>1 m</b>              | Entry:                                                                                    |
| Moisture content:       | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>14%</b>              |                                                                                           |
| (dry weight correction) |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 14% Dry Weight Moisture Correction applied (MC)

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 37 mg/kg          | 1.32         | 42.853 mg/kg   | 0.00429 %            | ✓          |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | 1.5 mg/kg         | 2.775        | 3.652 mg/kg    | 0.000365 %           | ✓          |                |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |              |                |                      |            |                |
| 3  | boron { diboron trioxide }                                                                                                                                                             |           |            |          | 0.6 mg/kg         | 3.22         | 1.695 mg/kg    | 0.000169 %           | ✓          |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.3 mg/kg         | 1.142        | 0.301 mg/kg    | 0.0000301 %          | ✓          |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |           |            |          | <1 mg/kg          | 2.27         | <2.27 mg/kg    | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 60 mg/kg          | 1.126        | 59.257 mg/kg   | 0.00593 %            | ✓          |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 75 mg/kg          | 1.56         | 102.619 mg/kg  | 0.00658 %            | ✓          |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |              |                |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | 0.11 mg/kg        | 1.353        | 0.131 mg/kg    | 0.0000131 %          | ✓          |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 26 mg/kg          | 2.976        | 67.88 mg/kg    | 0.00679 %            | ✓          |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 10 | selenium { nickel selenate }                                                                                                                                                           |           |            |          | 0.8 mg/kg         | 2.554        | 1.792 mg/kg    | 0.000179 %           | ✓          |                |
|    | 028-031-00-5                                                                                                                                                                           | 239-125-2 | 15060-62-5 |          |                   |              |                |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 110 mg/kg         | 2.774        | 267.681 mg/kg  | 0.0268 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |              |                |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | <10 mg/kg         |              | <10 mg/kg      | <0.001 %             |            | <LOD           |
|    |                                                                                                                                                                                        |           | TPH        |          |                   |              |                |                      |            |                |
| 13 | 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        | 0.826 mg/kg    | 0.0000826 %          | ✓          |                |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 6 pH              |              | 6 pH           | 6pH                  |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |                      |            |                |
| 15 | naphthalene                                                                                                                                                                            |           |            |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |              |                |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.04 mg/kg        |              | 0.0351 mg/kg   | 0.00000351 %         | ✓          |                |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | 0.9 mg/kg         |              | 0.789 mg/kg    | 0.0000789 %          | ✓          |                |
| Total: |                                    |              |            |          |                   |              |                | 0.0525 %             |            |                |

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 (0.2)

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

Sample details

|                         |                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                          |
| <b>BH105 (0.2)</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>0.2 m</b>            |                                                                                                    |
| Moisture content:       |                                                                                                    |
| <b>37%</b>              |                                                                                                    |
| (dry weight correction) |                                                                                                    |

Hazard properties

None identified

Determinands

Moisture content: 37% Dry Weight Moisture Correction applied (MC)

| #  |                                                                                     | Determinand                                                                                                                                                                                                                                                                |           |            | CLP Note | User entered data | Conv. Factor | Compound conc.     |             | Classification value | MC Applied | Conc. Not Used |
|----|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|--------------------|-------------|----------------------|------------|----------------|
|    |                                                                                     | EU CLP index number                                                                                                                                                                                                                                                        | EC Number | CAS Number |          |                   |              |                    |             |                      |            |                |
| 1  |  | arsenic { <b>arsenic trioxide</b> }                                                                                                                                                                                                                                        |           |            |          | 25      mg/kg     | 1.32         | 24.094      mg/kg  | 0.00241 %   | ✓                    |            |                |
|    |                                                                                     | 033-003-00-0                                                                                                                                                                                                                                                               | 215-481-4 | 1327-53-3  |          |                   |              |                    |             |                      |            |                |
| 2  |  | beryllium { <b>beryllium oxide</b> }                                                                                                                                                                                                                                       |           |            |          | 1.1      mg/kg    | 2.775        | 2.228      mg/kg   | 0.000223 %  | ✓                    |            |                |
|    |                                                                                     | 004-003-00-8                                                                                                                                                                                                                                                               | 215-133-1 | 1304-56-9  |          |                   |              |                    |             |                      |            |                |
| 3  |  | boron { <b>diboron trioxide</b> }                                                                                                                                                                                                                                          |           |            |          | 0.6      mg/kg    | 3.22         | 1.41      mg/kg    | 0.000141 %  | ✓                    |            |                |
|    |                                                                                     | 005-008-00-8                                                                                                                                                                                                                                                               | 215-125-8 | 1303-86-2  |          |                   |              |                    |             |                      |            |                |
| 4  |  | cadmium { <b>cadmium oxide</b> }                                                                                                                                                                                                                                           |           |            |          | 0.9      mg/kg    | 1.142        | 0.75      mg/kg    | 0.000075 %  | ✓                    |            |                |
|    |                                                                                     | 048-002-00-0                                                                                                                                                                                                                                                               | 215-146-2 | 1306-19-0  |          |                   |              |                    |             |                      |            |                |
| 5  |  | chromium in chromium(VI) compounds { <b>chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex</b> }                                                                                                            |           |            |          | <1      mg/kg     | 2.27         | <2.27      mg/kg   | <0.000227 % |                      | <LOD       |                |
|    |                                                                                     | 024-017-00-8                                                                                                                                                                                                                                                               |           |            |          |                   |              |                    |             |                      |            |                |
| 6  |  | copper { <b>dicopper oxide; copper (I) oxide</b> }                                                                                                                                                                                                                         |           |            |          | 120      mg/kg    | 1.126        | 98.618      mg/kg  | 0.00986 %   | ✓                    |            |                |
|    |                                                                                     | 029-002-00-X                                                                                                                                                                                                                                                               | 215-270-7 | 1317-39-1  |          |                   |              |                    |             |                      |            |                |
| 7  |  | lead { <b>lead chromate</b> }                                                                                                                                                                                                                                              |           |            | 1        | 110      mg/kg    | 1.56         | 125.241      mg/kg | 0.00803 %   | ✓                    |            |                |
|    |                                                                                     | 082-004-00-2                                                                                                                                                                                                                                                               | 231-846-0 | 7758-97-6  |          |                   |              |                    |             |                      |            |                |
| 8  |  | mercury { <b>mercury dichloride</b> }                                                                                                                                                                                                                                      |           |            |          | 0.19      mg/kg   | 1.353        | 0.188      mg/kg   | 0.0000188 % | ✓                    |            |                |
|    |                                                                                     | 080-010-00-X                                                                                                                                                                                                                                                               | 231-299-8 | 7487-94-7  |          |                   |              |                    |             |                      |            |                |
| 9  |  | nickel { <b>nickel chromate</b> }                                                                                                                                                                                                                                          |           |            |          | 27      mg/kg     | 2.976        | 58.656      mg/kg  | 0.00587 %   | ✓                    |            |                |
|    |                                                                                     | 028-035-00-7                                                                                                                                                                                                                                                               | 238-766-5 | 14721-18-7 |          |                   |              |                    |             |                      |            |                |
| 10 |  | selenium { <b>nickel selenate</b> }                                                                                                                                                                                                                                        |           |            |          | <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 { <b>zinc chromate</b> }                                                                                                                                                                                                                                              |           |            |          | 250      mg/kg    | 2.774        | 506.231      mg/kg | 0.0506 %    | ✓                    |            |                |
|    |                                                                                     | 024-007-00-3                                                                                                                                                                                                                                                               | 236-878-9 | 13530-65-9 |          |                   |              |                    |             |                      |            |                |
| 12 |  | TPH (C6 to C40) petroleum group                                                                                                                                                                                                                                            |           |            |          | 110      mg/kg    |              | 80.292      mg/kg  | 0.00803 %   | ✓                    |            |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | TPH        |          |                   |              |                    |             |                      |            |                |
| 13 |  | 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 } |           |            |          | 0.4      mg/kg    | 1.884        | 0.55      mg/kg    | 0.000055 %  | ✓                    |            |                |
|    |                                                                                     | 006-007-00-5                                                                                                                                                                                                                                                               |           |            |          |                   |              |                    |             |                      |            |                |
| 14 |  | pH                                                                                                                                                                                                                                                                         |           |            |          | 7.6      pH       |              | 7.6      pH        | 7.6 pH      |                      |            |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | PH         |          |                   |              |                    |             |                      |            |                |
| 15 |                                                                                     | naphthalene                                                                                                                                                                                                                                                                |           |            |          | <0.03      mg/kg  |              | <0.03      mg/kg   | <0.000003 % |                      | <LOD       |                |
|    |                                                                                     | 601-052-00-2                                                                                                                                                                                                                                                               | 202-049-5 | 91-20-3    |          |                   |              |                    |             |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.14 mg/kg        |              | 0.102 mg/kg    | 0.0000102 %          | ✓          |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.14 mg/kg        |              | 0.102 mg/kg    | 0.0000102 %          | ✓          |                |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.24 mg/kg        |              | 0.175 mg/kg    | 0.0000175 %          | ✓          |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.23 mg/kg        |              | 0.168 mg/kg    | 0.0000168 %          | ✓          |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.06 mg/kg        |              | 0.0438 mg/kg   | 0.00000438 %         | ✓          |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.11 mg/kg        |              | 0.0803 mg/kg   | 0.00000803 %         | ✓          |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.08 mg/kg        |              | 0.0584 mg/kg   | 0.00000584 %         | ✓          |                |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.03 mg/kg        |              | 0.0219 mg/kg   | 0.00000219 %         | ✓          |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.05 mg/kg        |              | 0.0365 mg/kg   | 0.00000365 %         | ✓          |                |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.04 mg/kg        |              | 0.0292 mg/kg   | 0.00000292 %         | ✓          |                |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | 0.7 mg/kg         |              | 0.511 mg/kg    | 0.0000511 %          | ✓          |                |
| Total: |                                    |              |            |          |                   |              |                | 0.0858 %             |            |                |

## 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 Given the nature of the materials (soils) it is not considered to be appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00803%)

## Classification of sample: BH106 (0.2)



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

## Sample details

|                         |                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                          |
| <b>BH106 (0.2)</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>0.2 m</b>            |                                                                                                    |
| Moisture content:       |                                                                                                    |
| <b>10%</b>              |                                                                                                    |
| (dry weight correction) |                                                                                                    |

## Hazard properties

None identified

## Determinands

Moisture content: 10% Dry Weight Moisture Correction applied (MC)

| #  |                                                                                     | Determinand                                                                                                                                                                                                                                                                |           |            | CLP Note | User entered data | Conv. Factor | Compound conc.     |             | Classification value | MC Applied | Conc. Not Used |
|----|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|--------------------|-------------|----------------------|------------|----------------|
|    |                                                                                     | EU CLP index number                                                                                                                                                                                                                                                        | EC Number | CAS Number |          |                   |              |                    |             |                      |            |                |
| 1  |  | arsenic { arsenic trioxide }                                                                                                                                                                                                                                               |           |            |          | 16      mg/kg     | 1.32         | 19.205      mg/kg  | 0.00192 %   | ✓                    |            |                |
|    |                                                                                     | 033-003-00-0                                                                                                                                                                                                                                                               | 215-481-4 | 1327-53-3  |          |                   |              |                    |             |                      |            |                |
| 2  |  | beryllium { beryllium oxide }                                                                                                                                                                                                                                              |           |            |          | 1.4      mg/kg    | 2.775        | 3.532      mg/kg   | 0.000353 %  | ✓                    |            |                |
|    |                                                                                     | 004-003-00-8                                                                                                                                                                                                                                                               | 215-133-1 | 1304-56-9  |          |                   |              |                    |             |                      |            |                |
| 3  |  | boron { diboron trioxide }                                                                                                                                                                                                                                                 |           |            |          | 0.8      mg/kg    | 3.22         | 2.342      mg/kg   | 0.000234 %  | ✓                    |            |                |
|    |                                                                                     | 005-008-00-8                                                                                                                                                                                                                                                               | 215-125-8 | 1303-86-2  |          |                   |              |                    |             |                      |            |                |
| 4  |  | cadmium { cadmium oxide }                                                                                                                                                                                                                                                  |           |            |          | 0.6      mg/kg    | 1.142        | 0.623      mg/kg   | 0.0000623 % | ✓                    |            |                |
|    |                                                                                     | 048-002-00-0                                                                                                                                                                                                                                                               | 215-146-2 | 1306-19-0  |          |                   |              |                    |             |                      |            |                |
| 5  |  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                                                                                                                   |           |            |          | <1      mg/kg     | 2.27         | <2.27      mg/kg   | <0.000227 % |                      | <LOD       |                |
|    |                                                                                     | 024-017-00-8                                                                                                                                                                                                                                                               |           |            |          |                   |              |                    |             |                      |            |                |
| 6  |  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                                                                                                                |           |            |          | 77      mg/kg     | 1.126        | 78.812      mg/kg  | 0.00788 %   | ✓                    |            |                |
|    |                                                                                     | 029-002-00-X                                                                                                                                                                                                                                                               | 215-270-7 | 1317-39-1  |          |                   |              |                    |             |                      |            |                |
| 7  |  | lead { lead chromate }                                                                                                                                                                                                                                                     |           |            | 1        | 86      mg/kg     | 1.56         | 121.949      mg/kg | 0.00782 %   | ✓                    |            |                |
|    |                                                                                     | 082-004-00-2                                                                                                                                                                                                                                                               | 231-846-0 | 7758-97-6  |          |                   |              |                    |             |                      |            |                |
| 8  |  | mercury { mercury dichloride }                                                                                                                                                                                                                                             |           |            |          | 0.15      mg/kg   | 1.353        | 0.185      mg/kg   | 0.0000185 % | ✓                    |            |                |
|    |                                                                                     | 080-010-00-X                                                                                                                                                                                                                                                               | 231-299-8 | 7487-94-7  |          |                   |              |                    |             |                      |            |                |
| 9  |  | nickel { nickel chromate }                                                                                                                                                                                                                                                 |           |            |          | 23      mg/kg     | 2.976        | 62.231      mg/kg  | 0.00622 %   | ✓                    |            |                |
|    |                                                                                     | 028-035-00-7                                                                                                                                                                                                                                                               | 238-766-5 | 14721-18-7 |          |                   |              |                    |             |                      |            |                |
| 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 chromate }                                                                                                                                                                                                                                                     |           |            |          | 140      mg/kg    | 2.774        | 353.073      mg/kg | 0.0353 %    | ✓                    |            |                |
|    |                                                                                     | 024-007-00-3                                                                                                                                                                                                                                                               | 236-878-9 | 13530-65-9 |          |                   |              |                    |             |                      |            |                |
| 12 |  | TPH (C6 to C40) petroleum group                                                                                                                                                                                                                                            |           |            |          | 300      mg/kg    |              | 272.727      mg/kg | 0.0273 %    | ✓                    |            |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | TPH        |          |                   |              |                    |             |                      |            |                |
| 13 |  | 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 } |           |            |          | 0.3      mg/kg    | 1.884        | 0.514      mg/kg   | 0.0000514 % | ✓                    |            |                |
|    |                                                                                     | 006-007-00-5                                                                                                                                                                                                                                                               |           |            |          |                   |              |                    |             |                      |            |                |
| 14 |  | pH                                                                                                                                                                                                                                                                         |           |            |          | 7.3      pH       |              | 7.3      pH        | 7.3 pH      |                      |            |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | PH         |          |                   |              |                    |             |                      |            |                |
| 15 |                                                                                     | naphthalene                                                                                                                                                                                                                                                                |           |            |          | 0.19      mg/kg   |              | 0.173      mg/kg   | 0.0000173 % | ✓                    |            |                |
|    |                                                                                     | 601-052-00-2                                                                                                                                                                                                                                                               | 202-049-5 | 91-20-3    |          |                   |              |                    |             |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | 0.68 mg/kg        |              | 0.618 mg/kg    | 0.0000618 %          | ✓          |                |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | 0.47 mg/kg        |              | 0.427 mg/kg    | 0.0000427 %          | ✓          |                |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 4 mg/kg           |              | 3.636 mg/kg    | 0.000364 %           | ✓          |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.97 mg/kg        |              | 0.882 mg/kg    | 0.0000882 %          | ✓          |                |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 4.6 mg/kg         |              | 4.182 mg/kg    | 0.000418 %           | ✓          |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 4.2 mg/kg         |              | 3.818 mg/kg    | 0.000382 %           | ✓          |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 1.7 mg/kg         |              | 1.545 mg/kg    | 0.000155 %           | ✓          |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 1.6 mg/kg         |              | 1.455 mg/kg    | 0.000145 %           | ✓          |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 1.9 mg/kg         |              | 1.727 mg/kg    | 0.000173 %           | ✓          |                |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.64 mg/kg        |              | 0.582 mg/kg    | 0.0000582 %          | ✓          |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 1.5 mg/kg         |              | 1.364 mg/kg    | 0.000136 %           | ✓          |                |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.49 mg/kg        |              | 0.445 mg/kg    | 0.0000445 %          | ✓          |                |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.16 mg/kg        |              | 0.145 mg/kg    | 0.0000145 %          | ✓          |                |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.6 mg/kg         |              | 0.545 mg/kg    | 0.0000545 %          | ✓          |                |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | 0.8 mg/kg         |              | 0.727 mg/kg    | 0.0000727 %          | ✓          |                |
| Total: |                                    |              |            |          |                   |              |                | 0.0897 %             |            |                |

## 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 Given the nature of the materials (soils) it is not considered to be appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0273%)

## Classification of sample: BH107 (1)



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

## Sample details

|                         |                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                          |
| <b>BH107 (1)</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 m</b>              |                                                                                                    |
| Moisture content:       |                                                                                                    |
| <b>12%</b>              |                                                                                                    |
| (dry weight correction) |                                                                                                    |

## Hazard properties

None identified

## Determinands

Moisture content: 12% Dry Weight Moisture Correction applied (MC)

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 6.2 mg/kg         | 1.32         | 7.309 mg/kg    | 0.000731 %           | ✓          |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | 0.2 mg/kg         | 2.775        | 0.496 mg/kg    | 0.0000496 %          | ✓          |                |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |              |                |                      |            |                |
| 3  | boron { diboron trioxide }                                                                                                                                                             |           |            |          | 1.3 mg/kg         | 3.22         | 3.737 mg/kg    | 0.000374 %           | ✓          |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.4 mg/kg         | 1.142        | 0.408 mg/kg    | 0.0000408 %          | ✓          |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |           |            |          | <1 mg/kg          | 2.27         | <2.27 mg/kg    | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 20 mg/kg          | 1.126        | 20.105 mg/kg   | 0.00201 %            | ✓          |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 27 mg/kg          | 1.56         | 37.603 mg/kg   | 0.00241 %            | ✓          |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |              |                |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | <0.05 mg/kg       | 1.353        | <0.0677 mg/kg  | <0.00000677 %        |            | <LOD           |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 18 mg/kg          | 2.976        | 47.833 mg/kg   | 0.00478 %            | ✓          |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 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 chromate }                                                                                                                                                                 |           |            |          | 54 mg/kg          | 2.774        | 133.753 mg/kg  | 0.0134 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |              |                |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 98 mg/kg          |              | 87.5 mg/kg     | 0.00875 %            | ✓          |                |
|    |                                                                                                                                                                                        |           | TPH        |          |                   |              |                |                      |            |                |
| 13 | 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 } |           |            |          | <0.1 mg/kg        | 1.884        | <0.188 mg/kg   | <0.0000188 %         |            | <LOD           |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 10.7 pH           |              | 10.7 pH        | 10.7 pH              |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |                      |            |                |
| 15 | naphthalene                                                                                                                                                                            |           |            |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |              |                |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.11 mg/kg        |              | 0.0982 mg/kg   | 0.00000982 %         | ✓          |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.11 mg/kg        |              | 0.0982 mg/kg   | 0.00000982 %         | ✓          |                |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.1 mg/kg         |              | 0.0893 mg/kg   | 0.00000893 %         | ✓          |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.12 mg/kg        |              | 0.107 mg/kg    | 0.0000107 %          | ✓          |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.05 mg/kg        |              | 0.0446 mg/kg   | 0.00000446 %         | ✓          |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.07 mg/kg        |              | 0.0625 mg/kg   | 0.00000625 %         | ✓          |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.06 mg/kg        |              | 0.0536 mg/kg   | 0.00000536 %         | ✓          |                |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.05 mg/kg        |              | 0.0446 mg/kg   | 0.00000446 %         | ✓          |                |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.03 mg/kg        |              | 0.0268 mg/kg   | 0.00000268 %         | ✓          |                |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.033 %              |            |                |

## Key

|             |                                                                                                                                 |
|-------------|---------------------------------------------------------------------------------------------------------------------------------|
|             | User supplied data                                                                                                              |
|             | Determinand values ignored for classification, see column 'Conc. Not Used' for reason                                           |
|             | Determinand defined or amended by HazWasteOnline (see Appendix A)                                                               |
|             | Speciated 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 Given the nature of the materials (soils) it is not considered to be appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00875%)

## Classification of sample: BH107 (2)



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

## Sample details

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                 |
| <b>BH107 (2)</b>        | Chapter:                                                                                  |
| Sample Depth:           | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>2 m</b>              | Entry:                                                                                    |
| Moisture content:       | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>16%</b>              |                                                                                           |
| (dry weight correction) |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 16% Dry Weight Moisture Correction applied (MC)

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 3.4 mg/kg         | 1.32         | 3.87 mg/kg     | 0.000387 %           | ✓          |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | 5.1 mg/kg         | 2.775        | 12.202 mg/kg   | 0.00122 %            | ✓          |                |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |              |                |                      |            |                |
| 3  | boron { diboron trioxide }                                                                                                                                                             |           |            |          | 6 mg/kg           | 3.22         | 16.655 mg/kg   | 0.00167 %            | ✓          |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.3 mg/kg         | 1.142        | 0.295 mg/kg    | 0.0000295 %          | ✓          |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |           |            |          | <1 mg/kg          | 2.27         | <2.27 mg/kg    | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 17 mg/kg          | 1.126        | 16.5 mg/kg     | 0.00165 %            | ✓          |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 6.9 mg/kg         | 1.56         | 9.278 mg/kg    | 0.000595 %           | ✓          |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |              |                |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | <0.05 mg/kg       | 1.353        | <0.0677 mg/kg  | <0.00000677 %        |            | <LOD           |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 11 mg/kg          | 2.976        | 28.223 mg/kg   | 0.00282 %            | ✓          |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 10 | selenium { nickel selenate }                                                                                                                                                           |           |            |          | 1.5 mg/kg         | 2.554        | 3.302 mg/kg    | 0.00033 %            | ✓          |                |
|    | 028-031-00-5                                                                                                                                                                           | 239-125-2 | 15060-62-5 |          |                   |              |                |                      |            |                |
| 11 | zinc { zinc chromate }                                                                                                                                                                 |           |            |          | 61 mg/kg          | 2.774        | 145.882 mg/kg  | 0.0146 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |              |                |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | <10 mg/kg         |              | <10 mg/kg      | <0.001 %             |            | <LOD           |
|    |                                                                                                                                                                                        |           | TPH        |          |                   |              |                |                      |            |                |
| 13 | 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 } |           |            |          | <0.1 mg/kg        | 1.884        | <0.188 mg/kg   | <0.0000188 %         |            | <LOD           |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 10.4 pH           |              | 10.4 pH        | 10.4 pH              |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |                      |            |                |
| 15 | naphthalene                                                                                                                                                                            |           |            |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |              |                |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.08 mg/kg        |              | 0.069 mg/kg    | 0.0000069 %          | ✓          |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.11 mg/kg        |              | 0.0948 mg/kg   | 0.00000948 %         | ✓          |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.1 mg/kg         |              | 0.0862 mg/kg   | 0.00000862 %         | ✓          |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.06 mg/kg        |              | 0.0517 mg/kg   | 0.00000517 %         | ✓          |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.08 mg/kg        |              | 0.069 mg/kg    | 0.0000069 %          | ✓          |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.07 mg/kg        |              | 0.0603 mg/kg   | 0.00000603 %         | ✓          |                |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.06 mg/kg        |              | 0.0517 mg/kg   | 0.00000517 %         | ✓          |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.06 mg/kg        |              | 0.0517 mg/kg   | 0.00000517 %         | ✓          |                |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.06 mg/kg        |              | 0.0517 mg/kg   | 0.00000517 %         | ✓          |                |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.06 mg/kg        |              | 0.0517 mg/kg   | 0.00000517 %         | ✓          |                |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.0247 %             |            |                |

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: BH108 (0.5)



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

## Sample details

|                         |                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                          |
| <b>BH108 (0.5)</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>0.5 m</b>            |                                                                                                    |
| Moisture content:       |                                                                                                    |
| <b>6%</b>               |                                                                                                    |
| (dry weight correction) |                                                                                                    |

## Hazard properties

None identified

## Determinands

Moisture content: 6% Dry Weight Moisture Correction applied (MC)

| #  |                                                                                     | Determinand                                                                                                                                                                                                                                                                |           |            | CLP Note | User entered data | Conv. Factor | Compound conc.   |               | Classification value | MC Applied | Conc. Not Used |
|----|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|------------------|---------------|----------------------|------------|----------------|
|    |                                                                                     | EU CLP index number                                                                                                                                                                                                                                                        | EC Number | CAS Number |          |                   |              |                  |               |                      |            |                |
| 1  |  | arsenic { <b>arsenic trioxide</b> }                                                                                                                                                                                                                                        |           |            |          | 5.7      mg/kg    | 1.32         | 7.1      mg/kg   | 0.00071 %     | ✓                    |            |                |
|    |                                                                                     | 033-003-00-0                                                                                                                                                                                                                                                               | 215-481-4 | 1327-53-3  |          |                   |              |                  |               |                      |            |                |
| 2  |  | beryllium { <b>beryllium oxide</b> }                                                                                                                                                                                                                                       |           |            |          | 0.5      mg/kg    | 2.775        | 1.309    mg/kg   | 0.000131 %    | ✓                    |            |                |
|    |                                                                                     | 004-003-00-8                                                                                                                                                                                                                                                               | 215-133-1 | 1304-56-9  |          |                   |              |                  |               |                      |            |                |
| 3  |  | boron { <b>diboron trioxide</b> }                                                                                                                                                                                                                                          |           |            |          | 0.2      mg/kg    | 3.22         | 0.608    mg/kg   | 0.0000608 %   | ✓                    |            |                |
|    |                                                                                     | 005-008-00-8                                                                                                                                                                                                                                                               | 215-125-8 | 1303-86-2  |          |                   |              |                  |               |                      |            |                |
| 4  |  | cadmium { <b>cadmium oxide</b> }                                                                                                                                                                                                                                           |           |            |          | 0.2      mg/kg    | 1.142        | 0.216    mg/kg   | 0.0000216 %   | ✓                    |            |                |
|    |                                                                                     | 048-002-00-0                                                                                                                                                                                                                                                               | 215-146-2 | 1306-19-0  |          |                   |              |                  |               |                      |            |                |
| 5  |  | chromium in chromium(VI) compounds { <b>chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex</b> }                                                                                                            |           |            |          | <1      mg/kg     | 2.27         | <2.27    mg/kg   | <0.000227 %   |                      | <LOD       |                |
|    |                                                                                     | 024-017-00-8                                                                                                                                                                                                                                                               |           |            |          |                   |              |                  |               |                      |            |                |
| 6  |  | copper { <b>dicopper oxide; copper (I) oxide</b> }                                                                                                                                                                                                                         |           |            |          | 19      mg/kg     | 1.126        | 20.181    mg/kg  | 0.00202 %     | ✓                    |            |                |
|    |                                                                                     | 029-002-00-X                                                                                                                                                                                                                                                               | 215-270-7 | 1317-39-1  |          |                   |              |                  |               |                      |            |                |
| 7  |  | lead { <b>lead chromate</b> }                                                                                                                                                                                                                                              |           |            | 1        | 12      mg/kg     | 1.56         | 17.658    mg/kg  | 0.00113 %     | ✓                    |            |                |
|    |                                                                                     | 082-004-00-2                                                                                                                                                                                                                                                               | 231-846-0 | 7758-97-6  |          |                   |              |                  |               |                      |            |                |
| 8  |  | mercury { <b>mercury dichloride</b> }                                                                                                                                                                                                                                      |           |            |          | <0.05    mg/kg    | 1.353        | <0.0677    mg/kg | <0.00000677 % |                      | <LOD       |                |
|    |                                                                                     | 080-010-00-X                                                                                                                                                                                                                                                               | 231-299-8 | 7487-94-7  |          |                   |              |                  |               |                      |            |                |
| 9  |  | nickel { <b>nickel chromate</b> }                                                                                                                                                                                                                                          |           |            |          | 22      mg/kg     | 2.976        | 61.772    mg/kg  | 0.00618 %     | ✓                    |            |                |
|    |                                                                                     | 028-035-00-7                                                                                                                                                                                                                                                               | 238-766-5 | 14721-18-7 |          |                   |              |                  |               |                      |            |                |
| 10 |  | selenium { <b>nickel selenate</b> }                                                                                                                                                                                                                                        |           |            |          | <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 { <b>zinc chromate</b> }                                                                                                                                                                                                                                              |           |            |          | 89      mg/kg     | 2.774        | 232.924    mg/kg | 0.0233 %      | ✓                    |            |                |
|    |                                                                                     | 024-007-00-3                                                                                                                                                                                                                                                               | 236-878-9 | 13530-65-9 |          |                   |              |                  |               |                      |            |                |
| 12 |  | TPH (C6 to C40) petroleum group                                                                                                                                                                                                                                            |           |            |          | 49      mg/kg     |              | 46.226    mg/kg  | 0.00462 %     | ✓                    |            |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | TPH        |          |                   |              |                  |               |                      |            |                |
| 13 |  | 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 } |           |            |          | <0.1      mg/kg   | 1.884        | <0.188    mg/kg  | <0.0000188 %  |                      | <LOD       |                |
|    |                                                                                     | 006-007-00-5                                                                                                                                                                                                                                                               |           |            |          |                   |              |                  |               |                      |            |                |
| 14 |  | pH                                                                                                                                                                                                                                                                         |           |            |          | 7.8      pH       |              | 7.8      pH      | 7.8 pH        |                      |            |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | PH         |          |                   |              |                  |               |                      |            |                |
| 15 |                                                                                     | naphthalene                                                                                                                                                                                                                                                                |           |            |          | <0.03    mg/kg    |              | <0.03    mg/kg   | <0.000003 %   |                      | <LOD       |                |
|    |                                                                                     | 601-052-00-2                                                                                                                                                                                                                                                               | 202-049-5 | 91-20-3    |          |                   |              |                  |               |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.0386 %             |            |                |

## 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** Given the nature of the materials (soils) it is not considered to be appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00462%)

Classification of sample: HP111 (0)

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

Sample details

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                 |
| <b>HP111 (0)</b>        | Chapter:                                                                                  |
| Moisture content:       | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>2.6%</b>             | Entry:                                                                                    |
| (dry weight correction) | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |

Hazard properties

None identified

Determinands

Moisture content: 2.6% Dry Weight Moisture Correction applied (MC)

| #  |                                                                                     | Determinand                                                                                                                                                                                                                                                                |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    |                                                                                     | EU CLP index number                                                                                                                                                                                                                                                        | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 1  |  | arsenic { arsenic trioxide }                                                                                                                                                                                                                                               |           |            |          | 9 mg/kg           | 1.32         | 11.582 mg/kg   | 0.00116 %            | ✓          |                |
|    |                                                                                     | 033-003-00-0                                                                                                                                                                                                                                                               | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  |  | beryllium { beryllium oxide }                                                                                                                                                                                                                                              |           |            |          | 0.3 mg/kg         | 2.775        | 0.812 mg/kg    | 0.0000812 %          | ✓          |                |
|    |                                                                                     | 004-003-00-8                                                                                                                                                                                                                                                               | 215-133-1 | 1304-56-9  |          |                   |              |                |                      |            |                |
| 3  |  | boron { diboron trioxide }                                                                                                                                                                                                                                                 |           |            |          | 0.2 mg/kg         | 3.22         | 0.628 mg/kg    | 0.0000628 %          | ✓          |                |
|    |                                                                                     | 005-008-00-8                                                                                                                                                                                                                                                               | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 4  |  | cadmium { cadmium oxide }                                                                                                                                                                                                                                                  |           |            |          | <0.1 mg/kg        | 1.142        | <0.114 mg/kg   | <0.0000114 %         |            | <LOD           |
|    |                                                                                     | 048-002-00-0                                                                                                                                                                                                                                                               | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 5  |  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                                                                                                                   |           |            |          | <1 mg/kg          | 2.27         | <2.27 mg/kg    | <0.000227 %          |            | <LOD           |
|    |                                                                                     | 024-017-00-8                                                                                                                                                                                                                                                               |           |            |          |                   |              |                |                      |            |                |
| 6  |  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                                                                                                                |           |            |          | 18 mg/kg          | 1.126        | 19.752 mg/kg   | 0.00198 %            | ✓          |                |
|    |                                                                                     | 029-002-00-X                                                                                                                                                                                                                                                               | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 7  |  | lead { lead chromate }                                                                                                                                                                                                                                                     |           |            | 1        | 19 mg/kg          | 1.56         | 28.885 mg/kg   | 0.00185 %            | ✓          |                |
|    |                                                                                     | 082-004-00-2                                                                                                                                                                                                                                                               | 231-846-0 | 7758-97-6  |          |                   |              |                |                      |            |                |
| 8  |  | mercury { mercury dichloride }                                                                                                                                                                                                                                             |           |            |          | <0.05 mg/kg       | 1.353        | <0.0677 mg/kg  | <0.00000677 %        |            | <LOD           |
|    |                                                                                     | 080-010-00-X                                                                                                                                                                                                                                                               | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 9  |  | nickel { nickel chromate }                                                                                                                                                                                                                                                 |           |            |          | 8.4 mg/kg         | 2.976        | 24.367 mg/kg   | 0.00244 %            | ✓          |                |
|    |                                                                                     | 028-035-00-7                                                                                                                                                                                                                                                               | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 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 chromate }                                                                                                                                                                                                                                                     |           |            |          | 42 mg/kg          | 2.774        | 113.562 mg/kg  | 0.0114 %             | ✓          |                |
|    |                                                                                     | 024-007-00-3                                                                                                                                                                                                                                                               | 236-878-9 | 13530-65-9 |          |                   |              |                |                      |            |                |
| 12 |  | TPH (C6 to C40) petroleum group                                                                                                                                                                                                                                            |           |            |          | 29 mg/kg          |              | 28.265 mg/kg   | 0.00283 %            | ✓          |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | TPH        |          |                   |              |                |                      |            |                |
| 13 |  | 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 } |           |            |          | 0.1 mg/kg         | 1.884        | 0.184 mg/kg    | 0.0000184 %          | ✓          |                |
|    |                                                                                     | 006-007-00-5                                                                                                                                                                                                                                                               |           |            |          |                   |              |                |                      |            |                |
| 14 |  | pH                                                                                                                                                                                                                                                                         |           |            |          | 7.7 pH            |              | 7.7 pH         | 7.7 pH               |            |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | PH         |          |                   |              |                |                      |            |                |
| 15 |                                                                                     | naphthalene                                                                                                                                                                                                                                                                |           |            |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
|    |                                                                                     | 601-052-00-2                                                                                                                                                                                                                                                               | 202-049-5 | 91-20-3    |          |                   |              |                |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.04 mg/kg        |              | 0.039 mg/kg    | 0.0000039 %          | ✓          |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.03 mg/kg        |              | 0.0292 mg/kg   | 0.00000292 %         | ✓          |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.0222 %             |            |                |

## 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 Given the nature of the materials (soils) it is not considered to be appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00283%)

Classification of sample: HP113 (0)

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

Sample details

|                                       |                                                                                                    |
|---------------------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:                          | LoW Code:                                                                                          |
| <b>HP113 (0)</b>                      | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content:                     | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                           |
| <b>25%</b><br>(dry weight correction) |                                                                                                    |

Hazard properties

None identified

Determinands

Moisture content: 25% Dry Weight Moisture Correction applied (MC)

| #  |                                                                                     | Determinand                                                                                                                                                                                                                                                                |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. |        | Classification value | MC Applied   | Conc. Not Used |      |
|----|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|--------|----------------------|--------------|----------------|------|
|    |                                                                                     | EU CLP index number                                                                                                                                                                                                                                                        | EC Number | CAS Number |          |                   |              |                |        |                      |              |                |      |
| 1  |  | arsenic { <b>arsenic trioxide</b> }                                                                                                                                                                                                                                        |           |            |          | 4                 | mg/kg        | 1.32           | 4.225  | mg/kg                | 0.000423 %   | ✓              |      |
|    |                                                                                     | 033-003-00-0                                                                                                                                                                                                                                                               | 215-481-4 | 1327-53-3  |          |                   |              |                |        |                      |              |                |      |
| 2  |  | beryllium { <b>beryllium oxide</b> }                                                                                                                                                                                                                                       |           |            |          | 0.5               | mg/kg        | 2.775          | 1.11   | mg/kg                | 0.000111 %   | ✓              |      |
|    |                                                                                     | 004-003-00-8                                                                                                                                                                                                                                                               | 215-133-1 | 1304-56-9  |          |                   |              |                |        |                      |              |                |      |
| 3  |  | boron { <b>diboron trioxide</b> }                                                                                                                                                                                                                                          |           |            |          | 0.5               | mg/kg        | 3.22           | 1.288  | mg/kg                | 0.000129 %   | ✓              |      |
|    |                                                                                     | 005-008-00-8                                                                                                                                                                                                                                                               | 215-125-8 | 1303-86-2  |          |                   |              |                |        |                      |              |                |      |
| 4  |  | cadmium { <b>cadmium oxide</b> }                                                                                                                                                                                                                                           |           |            |          | 0.4               | mg/kg        | 1.142          | 0.366  | mg/kg                | 0.0000366 %  | ✓              |      |
|    |                                                                                     | 048-002-00-0                                                                                                                                                                                                                                                               | 215-146-2 | 1306-19-0  |          |                   |              |                |        |                      |              |                |      |
| 5  |  | chromium in chromium(VI) compounds { <b>chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex</b> }                                                                                                            |           |            |          | <1                | mg/kg        | 2.27           | <2.27  | mg/kg                | <0.000227 %  |                | <LOD |
|    |                                                                                     | 024-017-00-8                                                                                                                                                                                                                                                               |           |            |          |                   |              |                |        |                      |              |                |      |
| 6  |  | copper { <b>dicopper oxide; copper (I) oxide</b> }                                                                                                                                                                                                                         |           |            |          | 26                | mg/kg        | 1.126          | 23.418 | mg/kg                | 0.00234 %    | ✓              |      |
|    |                                                                                     | 029-002-00-X                                                                                                                                                                                                                                                               | 215-270-7 | 1317-39-1  |          |                   |              |                |        |                      |              |                |      |
| 7  |  | lead { <b>lead chromate</b> }                                                                                                                                                                                                                                              |           |            | 1        | 41                | mg/kg        | 1.56           | 51.162 | mg/kg                | 0.00328 %    | ✓              |      |
|    |                                                                                     | 082-004-00-2                                                                                                                                                                                                                                                               | 231-846-0 | 7758-97-6  |          |                   |              |                |        |                      |              |                |      |
| 8  |  | mercury { <b>mercury dichloride</b> }                                                                                                                                                                                                                                      |           |            |          | 0.07              | mg/kg        | 1.353          | 0.0758 | mg/kg                | 0.00000758 % | ✓              |      |
|    |                                                                                     | 080-010-00-X                                                                                                                                                                                                                                                               | 231-299-8 | 7487-94-7  |          |                   |              |                |        |                      |              |                |      |
| 9  |  | nickel { <b>nickel chromate</b> }                                                                                                                                                                                                                                          |           |            |          | 10                | mg/kg        | 2.976          | 23.81  | mg/kg                | 0.00238 %    | ✓              |      |
|    |                                                                                     | 028-035-00-7                                                                                                                                                                                                                                                               | 238-766-5 | 14721-18-7 |          |                   |              |                |        |                      |              |                |      |
| 10 |  | selenium { <b>nickel selenate</b> }                                                                                                                                                                                                                                        |           |            |          | <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 { <b>zinc chromate</b> }                                                                                                                                                                                                                                              |           |            |          | 73                | mg/kg        | 2.774          | 162.01 | mg/kg                | 0.0162 %     | ✓              |      |
|    |                                                                                     | 024-007-00-3                                                                                                                                                                                                                                                               | 236-878-9 | 13530-65-9 |          |                   |              |                |        |                      |              |                |      |
| 12 |  | TPH (C6 to C40) petroleum group                                                                                                                                                                                                                                            |           |            |          | <10               | mg/kg        |                | <10    | mg/kg                | <0.001 %     |                | <LOD |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | TPH        |          |                   |              |                |        |                      |              |                |      |
| 13 |  | 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 } |           |            |          | 0.2               | mg/kg        | 1.884          | 0.301  | mg/kg                | 0.0000301 %  | ✓              |      |
|    |                                                                                     | 006-007-00-5                                                                                                                                                                                                                                                               |           |            |          |                   |              |                |        |                      |              |                |      |
| 14 |  | pH                                                                                                                                                                                                                                                                         |           |            |          | 6.9               | pH           |                | 6.9    | pH                   | 6.9 pH       |                |      |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | PH         |          |                   |              |                |        |                      |              |                |      |
| 15 |                                                                                     | naphthalene                                                                                                                                                                                                                                                                |           |            |          | 0.03              | mg/kg        |                | 0.024  | mg/kg                | 0.0000024 %  | ✓              |      |
|    |                                                                                     | 601-052-00-2                                                                                                                                                                                                                                                               | 202-049-5 | 91-20-3    |          |                   |              |                |        |                      |              |                |      |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | 0.06 mg/kg        |              | 0.048 mg/kg    | 0.0000048 %          | ✓          |                |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | 0.03 mg/kg        |              | 0.024 mg/kg    | 0.0000024 %          | ✓          |                |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.21 mg/kg        |              | 0.168 mg/kg    | 0.0000168 %          | ✓          |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.04 mg/kg        |              | 0.032 mg/kg    | 0.0000032 %          | ✓          |                |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.14 mg/kg        |              | 0.112 mg/kg    | 0.0000112 %          | ✓          |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.11 mg/kg        |              | 0.088 mg/kg    | 0.0000088 %          | ✓          |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.04 mg/kg        |              | 0.032 mg/kg    | 0.0000032 %          | ✓          |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.05 mg/kg        |              | 0.04 mg/kg     | 0.000004 %           | ✓          |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | 0.5 mg/kg         |              | 0.4 mg/kg      | 0.00004 %            | ✓          |                |
| Total: |                                    |              |            |          |                   |              |                | 0.0264 %             |            |                |

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: HP114 (0)

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

Sample details

|                                        |                                                                                                    |
|----------------------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:                           | LoW Code:                                                                                          |
| <b>HP114 (0)</b>                       | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content:                      | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                           |
| <b>8.6%</b><br>(dry weight correction) |                                                                                                    |

Hazard properties

None identified

Determinands

Moisture content: 8.6% Dry Weight Moisture Correction applied (MC)

| #  |                                                                                     | Determinand                                                                                                                                                                                                                                                                |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value |  | MC Applied | Conc. Not Used |
|----|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|--|------------|----------------|
|    |                                                                                     | EU CLP index number                                                                                                                                                                                                                                                        | EC Number | CAS Number |          |                   |       |              |                |       |                      |  |            |                |
| 1  |  | arsenic { arsenic trioxide }                                                                                                                                                                                                                                               |           |            |          | 4.6               | mg/kg | 1.32         | 5.593          | mg/kg | 0.000559 %           |  | ✓          |                |
|    |                                                                                     | 033-003-00-0                                                                                                                                                                                                                                                               | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |  |            |                |
| 2  |  | beryllium { beryllium oxide }                                                                                                                                                                                                                                              |           |            |          | 0.3               | mg/kg | 2.775        | 0.767          | mg/kg | 0.0000767 %          |  | ✓          |                |
|    |                                                                                     | 004-003-00-8                                                                                                                                                                                                                                                               | 215-133-1 | 1304-56-9  |          |                   |       |              |                |       |                      |  |            |                |
| 3  |  | boron { diboron trioxide }                                                                                                                                                                                                                                                 |           |            |          | 0.4               | mg/kg | 3.22         | 1.186          | mg/kg | 0.000119 %           |  | ✓          |                |
|    |                                                                                     | 005-008-00-8                                                                                                                                                                                                                                                               | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |  |            |                |
| 4  |  | cadmium { cadmium oxide }                                                                                                                                                                                                                                                  |           |            |          | <0.1              | mg/kg | 1.142        | <0.114         | mg/kg | <0.0000114 %         |  |            | <LOD           |
|    |                                                                                     | 048-002-00-0                                                                                                                                                                                                                                                               | 215-146-2 | 1306-19-0  |          |                   |       |              |                |       |                      |  |            |                |
| 5  |  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                                                                                                                   |           |            |          | <1                | mg/kg | 2.27         | <2.27          | mg/kg | <0.000227 %          |  |            | <LOD           |
|    |                                                                                     | 024-017-00-8                                                                                                                                                                                                                                                               |           |            |          |                   |       |              |                |       |                      |  |            |                |
| 6  |  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                                                                                                                |           |            |          | 14                | mg/kg | 1.126        | 14.514         | mg/kg | 0.00145 %            |  | ✓          |                |
|    |                                                                                     | 029-002-00-X                                                                                                                                                                                                                                                               | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |  |            |                |
| 7  |  | lead { lead chromate }                                                                                                                                                                                                                                                     |           |            | 1        | 7                 | mg/kg | 1.56         | 10.054         | mg/kg | 0.000645 %           |  | ✓          |                |
|    |                                                                                     | 082-004-00-2                                                                                                                                                                                                                                                               | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |  |            |                |
| 8  |  | mercury { mercury dichloride }                                                                                                                                                                                                                                             |           |            |          | <0.05             | mg/kg | 1.353        | <0.0677        | mg/kg | <0.00000677 %        |  |            | <LOD           |
|    |                                                                                     | 080-010-00-X                                                                                                                                                                                                                                                               | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |  |            |                |
| 9  |  | nickel { nickel chromate }                                                                                                                                                                                                                                                 |           |            |          | 7.9               | mg/kg | 2.976        | 21.651         | mg/kg | 0.00217 %            |  | ✓          |                |
|    |                                                                                     | 028-035-00-7                                                                                                                                                                                                                                                               | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |  |            |                |
| 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 chromate }                                                                                                                                                                                                                                                     |           |            |          | 36                | mg/kg | 2.774        | 91.961         | mg/kg | 0.0092 %             |  | ✓          |                |
|    |                                                                                     | 024-007-00-3                                                                                                                                                                                                                                                               | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |  |            |                |
| 12 |  | TPH (C6 to C40) petroleum group                                                                                                                                                                                                                                            |           |            |          | <10               | mg/kg |              | <10            | mg/kg | <0.001 %             |  |            | <LOD           |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | TPH        |          |                   |       |              |                |       |                      |  |            |                |
| 13 |  | 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 } |           |            |          | <0.1              | mg/kg | 1.884        | <0.188         | mg/kg | <0.0000188 %         |  |            | <LOD           |
|    |                                                                                     | 006-007-00-5                                                                                                                                                                                                                                                               |           |            |          |                   |       |              |                |       |                      |  |            |                |
| 14 |  | pH                                                                                                                                                                                                                                                                         |           |            |          | 8                 | pH    |              | 8              | pH    | 8pH                  |  |            |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | PH         |          |                   |       |              |                |       |                      |  |            |                |
| 15 |                                                                                     | naphthalene                                                                                                                                                                                                                                                                |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |  |            | <LOD           |
|    |                                                                                     | 601-052-00-2                                                                                                                                                                                                                                                               | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |  |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %  |                      |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | 0.07 mg/kg        |              | 0.0645 mg/kg   | 0.00000645 % | ✓                    |            |                |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | 0.04 mg/kg        |              | 0.0368 mg/kg   | 0.00000368 % | ✓                    |            |                |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.29 mg/kg        |              | 0.267 mg/kg    | 0.0000267 %  | ✓                    |            |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.07 mg/kg        |              | 0.0645 mg/kg   | 0.00000645 % | ✓                    |            |                |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.44 mg/kg        |              | 0.405 mg/kg    | 0.0000405 %  | ✓                    |            |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.4 mg/kg         |              | 0.368 mg/kg    | 0.0000368 %  | ✓                    |            |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.14 mg/kg        |              | 0.129 mg/kg    | 0.0000129 %  | ✓                    |            |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.18 mg/kg        |              | 0.166 mg/kg    | 0.0000166 %  | ✓                    |            |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.17 mg/kg        |              | 0.157 mg/kg    | 0.0000157 %  | ✓                    |            |                |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.07 mg/kg        |              | 0.0645 mg/kg   | 0.00000645 % | ✓                    |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.13 mg/kg        |              | 0.12 mg/kg     | 0.000012 %   | ✓                    |            |                |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.07 mg/kg        |              | 0.0645 mg/kg   | 0.00000645 % | ✓                    |            |                |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %  |                      |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.08 mg/kg        |              | 0.0737 mg/kg   | 0.00000737 % | ✓                    |            |                |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %   |                      |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                |              | 0.0158 %             |            |                |

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: HP115 (0)

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

Sample details

|                                        |                                                                                                    |
|----------------------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:                           | LoW Code:                                                                                          |
| <b>HP115 (0)</b>                       | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content:                      | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                           |
| <b>2.6%</b><br>(dry weight correction) |                                                                                                    |

Hazard properties

None identified

Determinands

Moisture content: 2.6% Dry Weight Moisture Correction applied (MC)

| #  |                                                                                     | Determinand                                                                                                                                                                                                                                                                |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |   |      |
|----|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|---|------|
|    |                                                                                     | EU CLP index number                                                                                                                                                                                                                                                        | EC Number | CAS Number |          |                   |              |                |                      |            |                |   |      |
| 1  |  | arsenic { <b>arsenic trioxide</b> }                                                                                                                                                                                                                                        |           |            |          | 2.7               | mg/kg        | 1.32           | 3.475                | mg/kg      | 0.000347 %     | ✓ |      |
|    |                                                                                     | 033-003-00-0                                                                                                                                                                                                                                                               | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |   |      |
| 2  |  | beryllium { <b>beryllium oxide</b> }                                                                                                                                                                                                                                       |           |            |          | 0.3               | mg/kg        | 2.775          | 0.812                | mg/kg      | 0.0000812 %    | ✓ |      |
|    |                                                                                     | 004-003-00-8                                                                                                                                                                                                                                                               | 215-133-1 | 1304-56-9  |          |                   |              |                |                      |            |                |   |      |
| 3  |  | boron { <b>diboron trioxide</b> }                                                                                                                                                                                                                                          |           |            |          | 0.2               | mg/kg        | 3.22           | 0.628                | mg/kg      | 0.0000628 %    | ✓ |      |
|    |                                                                                     | 005-008-00-8                                                                                                                                                                                                                                                               | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |   |      |
| 4  |  | cadmium { <b>cadmium oxide</b> }                                                                                                                                                                                                                                           |           |            |          | 0.2               | mg/kg        | 1.142          | 0.223                | mg/kg      | 0.0000223 %    | ✓ |      |
|    |                                                                                     | 048-002-00-0                                                                                                                                                                                                                                                               | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |   |      |
| 5  |  | chromium in chromium(VI) compounds { <b>chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex</b> }                                                                                                            |           |            |          | <1                | mg/kg        | 2.27           | <2.27                | mg/kg      | <0.000227 %    |   | <LOD |
|    |                                                                                     | 024-017-00-8                                                                                                                                                                                                                                                               |           |            |          |                   |              |                |                      |            |                |   |      |
| 6  |  | copper { <b>dicopper oxide; copper (I) oxide</b> }                                                                                                                                                                                                                         |           |            |          | 18                | mg/kg        | 1.126          | 19.752               | mg/kg      | 0.00198 %      | ✓ |      |
|    |                                                                                     | 029-002-00-X                                                                                                                                                                                                                                                               | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |   |      |
| 7  |  | lead { <b>lead chromate</b> }                                                                                                                                                                                                                                              |           |            | 1        | 17                | mg/kg        | 1.56           | 25.845               | mg/kg      | 0.00166 %      | ✓ |      |
|    |                                                                                     | 082-004-00-2                                                                                                                                                                                                                                                               | 231-846-0 | 7758-97-6  |          |                   |              |                |                      |            |                |   |      |
| 8  |  | mercury { <b>mercury dichloride</b> }                                                                                                                                                                                                                                      |           |            |          | <0.05             | mg/kg        | 1.353          | <0.0677              | mg/kg      | <0.00000677 %  |   | <LOD |
|    |                                                                                     | 080-010-00-X                                                                                                                                                                                                                                                               | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |   |      |
| 9  |  | nickel { <b>nickel chromate</b> }                                                                                                                                                                                                                                          |           |            |          | 12                | mg/kg        | 2.976          | 34.81                | mg/kg      | 0.00348 %      | ✓ |      |
|    |                                                                                     | 028-035-00-7                                                                                                                                                                                                                                                               | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |   |      |
| 10 |  | selenium { <b>nickel selenate</b> }                                                                                                                                                                                                                                        |           |            |          | <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 { <b>zinc chromate</b> }                                                                                                                                                                                                                                              |           |            |          | 61                | mg/kg        | 2.774          | 164.935              | mg/kg      | 0.0165 %       | ✓ |      |
|    |                                                                                     | 024-007-00-3                                                                                                                                                                                                                                                               | 236-878-9 | 13530-65-9 |          |                   |              |                |                      |            |                |   |      |
| 12 |  | TPH (C6 to C40) petroleum group                                                                                                                                                                                                                                            |           |            |          | <10               | mg/kg        |                | <10                  | mg/kg      | <0.001 %       |   | <LOD |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | TPH        |          |                   |              |                |                      |            |                |   |      |
| 13 |  | 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 } |           |            |          | <0.1              | mg/kg        | 1.884          | <0.188               | mg/kg      | <0.0000188 %   |   | <LOD |
|    |                                                                                     | 006-007-00-5                                                                                                                                                                                                                                                               |           |            |          |                   |              |                |                      |            |                |   |      |
| 14 |  | pH                                                                                                                                                                                                                                                                         |           |            |          | 8                 | pH           |                | 8                    | pH         | 8pH            |   |      |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | PH         |          |                   |              |                |                      |            |                |   |      |
| 15 |                                                                                     | naphthalene                                                                                                                                                                                                                                                                |           |            |          | <0.03             | mg/kg        |                | <0.03                | mg/kg      | <0.000003 %    |   | <LOD |
|    |                                                                                     | 601-052-00-2                                                                                                                                                                                                                                                               | 202-049-5 | 91-20-3    |          |                   |              |                |                      |            |                |   |      |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.04 mg/kg        |              | 0.039 mg/kg    | 0.0000039 % | ✓                    |            |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.04 mg/kg        |              | 0.039 mg/kg    | 0.0000039 % | ✓                    |            |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %  |                      |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                |             | 0.0256 %             |            |                |

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: HP117E (0)

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

Sample details

|                                       |                                                                                                    |
|---------------------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:                          | LoW Code:                                                                                          |
| <b>HP117E (0)</b>                     | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content:                     | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                           |
| <b>11%</b><br>(dry weight correction) |                                                                                                    |

Hazard properties

None identified

Determinands

Moisture content: 11% Dry Weight Moisture Correction applied (MC)

| #  |                                                                                     | Determinand                                                                                                                                                                                                                                                                |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. |         | Classification value | MC Applied   | Conc. Not Used |      |
|----|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|---------|----------------------|--------------|----------------|------|
|    |                                                                                     | EU CLP index number                                                                                                                                                                                                                                                        | EC Number | CAS Number |          |                   |              |                |         |                      |              |                |      |
| 1  |  | arsenic { arsenic trioxide }                                                                                                                                                                                                                                               |           |            |          | 14                | mg/kg        | 1.32           | 16.653  | mg/kg                | 0.00167 %    | ✓              |      |
|    |                                                                                     | 033-003-00-0                                                                                                                                                                                                                                                               | 215-481-4 | 1327-53-3  |          |                   |              |                |         |                      |              |                |      |
| 2  |  | beryllium { beryllium oxide }                                                                                                                                                                                                                                              |           |            |          | 0.9               | mg/kg        | 2.775          | 2.25    | mg/kg                | 0.000225 %   | ✓              |      |
|    |                                                                                     | 004-003-00-8                                                                                                                                                                                                                                                               | 215-133-1 | 1304-56-9  |          |                   |              |                |         |                      |              |                |      |
| 3  |  | boron { diboron trioxide }                                                                                                                                                                                                                                                 |           |            |          | <0.2              | mg/kg        | 3.22           | <0.644  | mg/kg                | <0.0000644 % |                | <LOD |
|    |                                                                                     | 005-008-00-8                                                                                                                                                                                                                                                               | 215-125-8 | 1303-86-2  |          |                   |              |                |         |                      |              |                |      |
| 4  |  | cadmium { cadmium oxide }                                                                                                                                                                                                                                                  |           |            |          | 0.3               | mg/kg        | 1.142          | 0.309   | mg/kg                | 0.0000309 %  | ✓              |      |
|    |                                                                                     | 048-002-00-0                                                                                                                                                                                                                                                               | 215-146-2 | 1306-19-0  |          |                   |              |                |         |                      |              |                |      |
| 5  |  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                                                                                                                   |           |            |          | <1                | mg/kg        | 2.27           | <2.27   | mg/kg                | <0.000227 %  |                | <LOD |
|    |                                                                                     | 024-017-00-8                                                                                                                                                                                                                                                               |           |            |          |                   |              |                |         |                      |              |                |      |
| 6  |  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                                                                                                                |           |            |          | 47                | mg/kg        | 1.126          | 47.673  | mg/kg                | 0.00477 %    | ✓              |      |
|    |                                                                                     | 029-002-00-X                                                                                                                                                                                                                                                               | 215-270-7 | 1317-39-1  |          |                   |              |                |         |                      |              |                |      |
| 7  |  | lead { lead chromate }                                                                                                                                                                                                                                                     |           |            | 1        | 63                | mg/kg        | 1.56           | 88.53   | mg/kg                | 0.00568 %    | ✓              |      |
|    |                                                                                     | 082-004-00-2                                                                                                                                                                                                                                                               | 231-846-0 | 7758-97-6  |          |                   |              |                |         |                      |              |                |      |
| 8  |  | mercury { mercury dichloride }                                                                                                                                                                                                                                             |           |            |          | 0.05              | mg/kg        | 1.353          | 0.061   | mg/kg                | 0.0000061 %  | ✓              |      |
|    |                                                                                     | 080-010-00-X                                                                                                                                                                                                                                                               | 231-299-8 | 7487-94-7  |          |                   |              |                |         |                      |              |                |      |
| 9  |  | nickel { nickel chromate }                                                                                                                                                                                                                                                 |           |            |          | 22                | mg/kg        | 2.976          | 58.989  | mg/kg                | 0.0059 %     | ✓              |      |
|    |                                                                                     | 028-035-00-7                                                                                                                                                                                                                                                               | 238-766-5 | 14721-18-7 |          |                   |              |                |         |                      |              |                |      |
| 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 chromate }                                                                                                                                                                                                                                                     |           |            |          | 87                | mg/kg        | 2.774          | 217.433 | mg/kg                | 0.0217 %     | ✓              |      |
|    |                                                                                     | 024-007-00-3                                                                                                                                                                                                                                                               | 236-878-9 | 13530-65-9 |          |                   |              |                |         |                      |              |                |      |
| 12 |  | TPH (C6 to C40) petroleum group                                                                                                                                                                                                                                            |           |            |          | 310               | mg/kg        |                | 279.279 | mg/kg                | 0.0279 %     | ✓              |      |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | TPH        |          |                   |              |                |         |                      |              |                |      |
| 13 |  | 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 } |           |            |          | 0.1               | mg/kg        | 1.884          | 0.17    | mg/kg                | 0.000017 %   | ✓              |      |
|    |                                                                                     | 006-007-00-5                                                                                                                                                                                                                                                               |           |            |          |                   |              |                |         |                      |              |                |      |
| 14 |  | pH                                                                                                                                                                                                                                                                         |           |            |          | 7.1               | pH           |                | 7.1     | pH                   | 7.1 pH       |                |      |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | PH         |          |                   |              |                |         |                      |              |                |      |
| 15 |                                                                                     | naphthalene                                                                                                                                                                                                                                                                |           |            |          | 0.21              | mg/kg        |                | 0.189   | mg/kg                | 0.0000189 %  | ✓              |      |
|    |                                                                                     | 601-052-00-2                                                                                                                                                                                                                                                               | 202-049-5 | 91-20-3    |          |                   |              |                |         |                      |              |                |      |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | 0.44 mg/kg        |              | 0.396 mg/kg    | 0.0000396 %          | ✓          |                |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | 0.27 mg/kg        |              | 0.243 mg/kg    | 0.0000243 %          | ✓          |                |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 2 mg/kg           |              | 1.802 mg/kg    | 0.00018 %            | ✓          |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.38 mg/kg        |              | 0.342 mg/kg    | 0.0000342 %          | ✓          |                |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 2.1 mg/kg         |              | 1.892 mg/kg    | 0.000189 %           | ✓          |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 2.2 mg/kg         |              | 1.982 mg/kg    | 0.000198 %           | ✓          |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.59 mg/kg        |              | 0.532 mg/kg    | 0.0000532 %          | ✓          |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.7 mg/kg         |              | 0.631 mg/kg    | 0.0000631 %          | ✓          |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.6 mg/kg         |              | 0.541 mg/kg    | 0.0000541 %          | ✓          |                |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.18 mg/kg        |              | 0.162 mg/kg    | 0.0000162 %          | ✓          |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.44 mg/kg        |              | 0.396 mg/kg    | 0.0000396 %          | ✓          |                |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.15 mg/kg        |              | 0.135 mg/kg    | 0.0000135 %          | ✓          |                |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.04 mg/kg        |              | 0.036 mg/kg    | 0.0000036 %          | ✓          |                |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.2 mg/kg         |              | 0.18 mg/kg     | 0.000018 %           | ✓          |                |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.0694 %             |            |                |

## 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 Given the nature of the materials (soils) it is not considered to be appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0279%)

## Classification of sample: TP101 (0.3)



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

## Sample details

|                         |                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                          |
| <b>TP101 (0.3)</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>0.3 m</b>            |                                                                                                    |
| Moisture content:       |                                                                                                    |
| <b>18%</b>              |                                                                                                    |
| (dry weight correction) |                                                                                                    |

## Hazard properties

None identified

## Determinands

Moisture content: 18% Dry Weight Moisture Correction applied (MC)

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. |               | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|---------------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |              |                |               |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 9.6 mg/kg         | 1.32         | 10.742 mg/kg   | 0.00107 %     | ✓                    |            |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |               |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | 1 mg/kg           | 2.775        | 2.352 mg/kg    | 0.000235 %    | ✓                    |            |                |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |              |                |               |                      |            |                |
| 3  | boron { diboron trioxide }                                                                                                                                                             |           |            |          | <0.2 mg/kg        | 3.22         | <0.644 mg/kg   | <0.0000644 %  |                      |            | <LOD           |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |               |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.4 mg/kg         | 1.142        | 0.387 mg/kg    | 0.0000387 %   | ✓                    |            |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |               |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |           |            |          | <1 mg/kg          | 2.27         | <2.27 mg/kg    | <0.000227 %   |                      |            | <LOD           |
|    | 024-017-00-8                                                                                                                                                                           |           |            |          |                   |              |                |               |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 40 mg/kg          | 1.126        | 38.166 mg/kg   | 0.00382 %     | ✓                    |            |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |               |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 26 mg/kg          | 1.56         | 34.369 mg/kg   | 0.0022 %      | ✓                    |            |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |              |                |               |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | <0.05 mg/kg       | 1.353        | <0.0677 mg/kg  | <0.00000677 % |                      |            | <LOD           |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |               |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 35 mg/kg          | 2.976        | 88.279 mg/kg   | 0.00883 %     | ✓                    |            |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |               |                      |            |                |
| 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 chromate }                                                                                                                                                                 |           |            |          | 92 mg/kg          | 2.774        | 216.289 mg/kg  | 0.0216 %      | ✓                    |            |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |              |                |               |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           | TPH        |          | 120 mg/kg         |              | 101.695 mg/kg  | 0.0102 %      | ✓                    |            |                |
|    |                                                                                                                                                                                        |           |            |          |                   |              |                |               |                      |            |                |
| 13 | 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 } |           |            |          | <0.1 mg/kg        | 1.884        | <0.188 mg/kg   | <0.0000188 %  |                      |            | <LOD           |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |               |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           | PH         |          | 8.2 pH            |              | 8.2 pH         | 8.2 pH        |                      |            |                |
|    |                                                                                                                                                                                        |           |            |          |                   |              |                |               |                      |            |                |
| 15 | naphthalene                                                                                                                                                                            |           |            |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %   |                      |            | <LOD           |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |              |                |               |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | 0.05 mg/kg        |              | 0.0424 mg/kg   | 0.00000424 %         | ✓          |                |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.34 mg/kg        |              | 0.288 mg/kg    | 0.0000288 %          | ✓          |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.06 mg/kg        |              | 0.0508 mg/kg   | 0.00000508 %         | ✓          |                |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.54 mg/kg        |              | 0.458 mg/kg    | 0.0000458 %          | ✓          |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.49 mg/kg        |              | 0.415 mg/kg    | 0.0000415 %          | ✓          |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.19 mg/kg        |              | 0.161 mg/kg    | 0.0000161 %          | ✓          |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.26 mg/kg        |              | 0.22 mg/kg     | 0.000022 %           | ✓          |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.19 mg/kg        |              | 0.161 mg/kg    | 0.0000161 %          | ✓          |                |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.08 mg/kg        |              | 0.0678 mg/kg   | 0.00000678 %         | ✓          |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.12 mg/kg        |              | 0.102 mg/kg    | 0.0000102 %          | ✓          |                |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.09 mg/kg        |              | 0.0763 mg/kg   | 0.00000763 %         | ✓          |                |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.09 mg/kg        |              | 0.0763 mg/kg   | 0.00000763 %         | ✓          |                |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.0487 %             |            |                |

## 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 Given the nature of the materials (soils) it is not considered to be appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0102%)

Classification of sample: TP101 (0.8)

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

Sample details

|                         |                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                          |
| <b>TP101 (0.8)</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>0.8 m</b>            |                                                                                                    |
| Moisture content:       |                                                                                                    |
| <b>17%</b>              |                                                                                                    |
| (dry weight correction) |                                                                                                    |

Hazard properties

None identified

Determinands

Moisture content: 17% Dry Weight Moisture Correction applied (MC)

| #  |  | Determinand                                                                                                                                                                             |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    |  | EU CLP index number                                                                                                                                                                     | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 1  |  | arsenic { arsenic trioxide }                                                                                                                                                            |           |            |          | 9 mg/kg           | 1.32         | 10.156 mg/kg   | 0.00102 %            | ✓          |                |
|    |  | 033-003-00-0                                                                                                                                                                            | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  |  | beryllium { beryllium oxide }                                                                                                                                                           |           |            |          | 1.1 mg/kg         | 2.775        | 2.609 mg/kg    | 0.000261 %           | ✓          |                |
|    |  | 004-003-00-8                                                                                                                                                                            | 215-133-1 | 1304-56-9  |          |                   |              |                |                      |            |                |
| 3  |  | boron { diboron trioxide }                                                                                                                                                              |           |            |          | <0.2 mg/kg        | 3.22         | <0.644 mg/kg   | <0.0000644 %         |            | <LOD           |
|    |  | 005-008-00-8                                                                                                                                                                            | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 4  |  | cadmium { cadmium oxide }                                                                                                                                                               |           |            |          | 0.3 mg/kg         | 1.142        | 0.293 mg/kg    | 0.0000293 %          | ✓          |                |
|    |  | 048-002-00-0                                                                                                                                                                            | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 5  |  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                                |           |            |          | <1 mg/kg          | 2.27         | <2.27 mg/kg    | <0.000227 %          |            | <LOD           |
|    |  | 024-017-00-8                                                                                                                                                                            |           |            |          |                   |              |                |                      |            |                |
| 6  |  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                             |           |            |          | 42 mg/kg          | 1.126        | 40.417 mg/kg   | 0.00404 %            | ✓          |                |
|    |  | 029-002-00-X                                                                                                                                                                            | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 7  |  | lead { lead chromate }                                                                                                                                                                  |           |            | 1        | 24 mg/kg          | 1.56         | 31.996 mg/kg   | 0.00205 %            | ✓          |                |
|    |  | 082-004-00-2                                                                                                                                                                            | 231-846-0 | 7758-97-6  |          |                   |              |                |                      |            |                |
| 8  |  | mercury { mercury dichloride }                                                                                                                                                          |           |            |          | <0.05 mg/kg       | 1.353        | <0.0677 mg/kg  | <0.00000677 %        |            | <LOD           |
|    |  | 080-010-00-X                                                                                                                                                                            | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 9  |  | nickel { nickel chromate }                                                                                                                                                              |           |            |          | 40 mg/kg          | 2.976        | 101.753 mg/kg  | 0.0102 %             | ✓          |                |
|    |  | 028-035-00-7                                                                                                                                                                            | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 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 chromate }                                                                                                                                                                  |           |            |          | 91 mg/kg          | 2.774        | 215.767 mg/kg  | 0.0216 %             | ✓          |                |
|    |  | 024-007-00-3                                                                                                                                                                            | 236-878-9 | 13530-65-9 |          |                   |              |                |                      |            |                |
| 12 |  | TPH (C6 to C40) petroleum group                                                                                                                                                         |           |            |          | <10 mg/kg         |              | <10 mg/kg      | <0.001 %             |            | <LOD           |
|    |  |                                                                                                                                                                                         |           | TPH        |          |                   |              |                |                      |            |                |
| 13 |  | 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 } |           |            |          | <0.1 mg/kg        | 1.884        | <0.188 mg/kg   | <0.0000188 %         |            | <LOD           |
|    |  | 006-007-00-5                                                                                                                                                                            |           |            |          |                   |              |                |                      |            |                |
| 14 |  | pH                                                                                                                                                                                      |           |            |          | 8.3 pH            |              | 8.3 pH         | 8.3 pH               |            |                |
|    |  |                                                                                                                                                                                         |           | PH         |          |                   |              |                |                      |            |                |
| 15 |  | naphthalene                                                                                                                                                                             |           |            |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
|    |  | 601-052-00-2                                                                                                                                                                            | 202-049-5 | 91-20-3    |          |                   |              |                |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %  |                      |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %  |                      |            | <LOD           |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %  |                      |            | <LOD           |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.05 mg/kg        |              | 0.0427 mg/kg   | 0.00000427 % | ✓                    |            |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %  |                      |            | <LOD           |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.05 mg/kg        |              | 0.0427 mg/kg   | 0.00000427 % | ✓                    |            |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.05 mg/kg        |              | 0.0427 mg/kg   | 0.00000427 % | ✓                    |            |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %  |                      |            | <LOD           |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.04 mg/kg        |              | 0.0342 mg/kg   | 0.00000342 % | ✓                    |            |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %  |                      |            | <LOD           |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %  |                      |            | <LOD           |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %  |                      |            | <LOD           |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %  |                      |            | <LOD           |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %  |                      |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %  |                      |            | <LOD           |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | 0.5 mg/kg         |              | 0.427 mg/kg    | 0.0000427 %  | ✓                    |            |                |
| Total: |                                    |              |            |          |                   |              |                |              | 0.0407 %             |            |                |

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: TP102 (0)



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

## Sample details

|                                       |                                                                                                    |
|---------------------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:                          | LoW Code:                                                                                          |
| <b>TP102 (0)</b>                      | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Moisture content:                     | Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                           |
| <b>18%</b><br>(dry weight correction) |                                                                                                    |

## Hazard properties

None identified

## Determinands

Moisture content: 18% Dry Weight Moisture Correction applied (MC)

| #  |                                                                                     | Determinand                                                                                                                                                                                                                                                                |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    |                                                                                     | EU CLP index number                                                                                                                                                                                                                                                        | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  |  | arsenic { arsenic trioxide }                                                                                                                                                                                                                                               |           |            |          | 8.3               | mg/kg | 1.32         | 9.287          | mg/kg | 0.000929 %           | ✓          |                |
|    |                                                                                     | 033-003-00-0                                                                                                                                                                                                                                                               | 215-481-4 | 1327-53-3  |          |                   |       |              |                |       |                      |            |                |
| 2  |  | beryllium { beryllium oxide }                                                                                                                                                                                                                                              |           |            |          | 0.7               | mg/kg | 2.775        | 1.646          | mg/kg | 0.000165 %           | ✓          |                |
|    |                                                                                     | 004-003-00-8                                                                                                                                                                                                                                                               | 215-133-1 | 1304-56-9  |          |                   |       |              |                |       |                      |            |                |
| 3  |  | boron { diboron trioxide }                                                                                                                                                                                                                                                 |           |            |          | 0.7               | mg/kg | 3.22         | 1.91           | mg/kg | 0.000191 %           | ✓          |                |
|    |                                                                                     | 005-008-00-8                                                                                                                                                                                                                                                               | 215-125-8 | 1303-86-2  |          |                   |       |              |                |       |                      |            |                |
| 4  |  | 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  |          |                   |       |              |                |       |                      |            |                |
| 5  |  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                                                                                                                   |           |            |          | <1                | mg/kg | 2.27         | <2.27          | mg/kg | <0.000227 %          |            | <LOD           |
|    |                                                                                     | 024-017-00-8                                                                                                                                                                                                                                                               |           |            |          |                   |       |              |                |       |                      |            |                |
| 6  |  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                                                                                                                |           |            |          | 23                | mg/kg | 1.126        | 21.945         | mg/kg | 0.00219 %            | ✓          |                |
|    |                                                                                     | 029-002-00-X                                                                                                                                                                                                                                                               | 215-270-7 | 1317-39-1  |          |                   |       |              |                |       |                      |            |                |
| 7  |  | lead { lead chromate }                                                                                                                                                                                                                                                     |           |            | 1        | 14                | mg/kg | 1.56         | 18.506         | mg/kg | 0.00119 %            | ✓          |                |
|    |                                                                                     | 082-004-00-2                                                                                                                                                                                                                                                               | 231-846-0 | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 8  |  | mercury { mercury dichloride }                                                                                                                                                                                                                                             |           |            |          | <0.05             | mg/kg | 1.353        | <0.0677        | mg/kg | <0.00000677 %        |            | <LOD           |
|    |                                                                                     | 080-010-00-X                                                                                                                                                                                                                                                               | 231-299-8 | 7487-94-7  |          |                   |       |              |                |       |                      |            |                |
| 9  |  | nickel { nickel chromate }                                                                                                                                                                                                                                                 |           |            |          | 25                | mg/kg | 2.976        | 63.056         | mg/kg | 0.00631 %            | ✓          |                |
|    |                                                                                     | 028-035-00-7                                                                                                                                                                                                                                                               | 238-766-5 | 14721-18-7 |          |                   |       |              |                |       |                      |            |                |
| 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 chromate }                                                                                                                                                                                                                                                     |           |            |          | 52                | mg/kg | 2.774        | 122.251        | mg/kg | 0.0122 %             | ✓          |                |
|    |                                                                                     | 024-007-00-3                                                                                                                                                                                                                                                               | 236-878-9 | 13530-65-9 |          |                   |       |              |                |       |                      |            |                |
| 12 |  | TPH (C6 to C40) petroleum group                                                                                                                                                                                                                                            |           |            |          | <10               | mg/kg |              | <10            | mg/kg | <0.001 %             |            | <LOD           |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | TPH        |          |                   |       |              |                |       |                      |            |                |
| 13 |  | 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 } |           |            |          | 0.2               | mg/kg | 1.884        | 0.319          | mg/kg | 0.0000319 %          | ✓          |                |
|    |                                                                                     | 006-007-00-5                                                                                                                                                                                                                                                               |           |            |          |                   |       |              |                |       |                      |            |                |
| 14 |  | pH                                                                                                                                                                                                                                                                         |           |            |          | 7.7               | pH    |              | 7.7            | pH    | 7.7 pH               |            |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | PH         |          |                   |       |              |                |       |                      |            |                |
| 15 |                                                                                     | naphthalene                                                                                                                                                                                                                                                                |           |            |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|    |                                                                                     | 601-052-00-2                                                                                                                                                                                                                                                               | 202-049-5 | 91-20-3    |          |                   |       |              |                |       |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.04 mg/kg        |              | 0.0339 mg/kg   | 0.00000339 %         | ✓          |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.0247 %             |            |                |

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: TP102 (2.5)

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

Sample details

|                         |                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                          |
| <b>TP102 (2.5)</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>2.5 m</b>            |                                                                                                    |
| Moisture content:       |                                                                                                    |
| <b>14%</b>              |                                                                                                    |
| (dry weight correction) |                                                                                                    |

Hazard properties

None identified

Determinands

Moisture content: 14% Dry Weight Moisture Correction applied (MC)

| #  |                                                                                     | Determinand                                                                                                                                                     |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. |         | Classification value | MC Applied    | Conc. Not Used |      |
|----|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|---------|----------------------|---------------|----------------|------|
|    |                                                                                     | EU CLP index number                                                                                                                                             | EC Number | CAS Number |          |                   |              |                |         |                      |               |                |      |
| 1  |  | arsenic { <b>arsenic trioxide</b> }                                                                                                                             |           |            |          | 11                | mg/kg        | 1.32           | 12.74   | mg/kg                | 0.00127 %     | ✓              |      |
|    |                                                                                     | 033-003-00-0                                                                                                                                                    | 215-481-4 | 1327-53-3  |          |                   |              |                |         |                      |               |                |      |
| 2  |  | beryllium { <b>beryllium oxide</b> }                                                                                                                            |           |            |          | 0.5               | mg/kg        | 2.775          | 1.217   | mg/kg                | 0.000122 %    | ✓              |      |
|    |                                                                                     | 004-003-00-8                                                                                                                                                    | 215-133-1 | 1304-56-9  |          |                   |              |                |         |                      |               |                |      |
| 3  |  | boron { <b>diboron trioxide</b> }                                                                                                                               |           |            |          | 0.6               | mg/kg        | 3.22           | 1.695   | mg/kg                | 0.000169 %    | ✓              |      |
|    |                                                                                     | 005-008-00-8                                                                                                                                                    | 215-125-8 | 1303-86-2  |          |                   |              |                |         |                      |               |                |      |
| 4  |  | cadmium { <b>cadmium oxide</b> }                                                                                                                                |           |            |          | 0.3               | mg/kg        | 1.142          | 0.301   | mg/kg                | 0.0000301 %   | ✓              |      |
|    |                                                                                     | 048-002-00-0                                                                                                                                                    | 215-146-2 | 1306-19-0  |          |                   |              |                |         |                      |               |                |      |
| 5  |  | chromium in chromium(VI) compounds { <b>chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex</b> } |           |            |          | <1                | mg/kg        | 2.27           | <2.27   | mg/kg                | <0.000227 %   |                | <LOD |
|    |                                                                                     | 024-017-00-8                                                                                                                                                    |           |            |          |                   |              |                |         |                      |               |                |      |
| 6  |  | copper { <b>dicopper oxide; copper (I) oxide</b> }                                                                                                              |           |            |          | 57                | mg/kg        | 1.126          | 56.294  | mg/kg                | 0.00563 %     | ✓              |      |
|    |                                                                                     | 029-002-00-X                                                                                                                                                    | 215-270-7 | 1317-39-1  |          |                   |              |                |         |                      |               |                |      |
| 7  |  | lead { <b>lead chromate</b> }                                                                                                                                   |           |            | 1        | 78                | mg/kg        | 1.56           | 106.724 | mg/kg                | 0.00684 %     | ✓              |      |
|    |                                                                                     | 082-004-00-2                                                                                                                                                    | 231-846-0 | 7758-97-6  |          |                   |              |                |         |                      |               |                |      |
| 8  |  | mercury { <b>mercury dichloride</b> }                                                                                                                           |           |            |          | <0.05             | mg/kg        | 1.353          | <0.0677 | mg/kg                | <0.00000677 % |                | <LOD |
|    |                                                                                     | 080-010-00-X                                                                                                                                                    | 231-299-8 | 7487-94-7  |          |                   |              |                |         |                      |               |                |      |
| 9  |  | nickel { <b>nickel chromate</b> }                                                                                                                               |           |            |          | 15                | mg/kg        | 2.976          | 39.161  | mg/kg                | 0.00392 %     | ✓              |      |
|    |                                                                                     | 028-035-00-7                                                                                                                                                    | 238-766-5 | 14721-18-7 |          |                   |              |                |         |                      |               |                |      |
| 10 |  | selenium { <b>nickel selenate</b> }                                                                                                                             |           |            |          | <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 { <b>zinc chromate</b> }                                                                                                                                   |           |            |          | 70                | mg/kg        | 2.774          | 170.342 | mg/kg                | 0.017 %       | ✓              |      |
|    |                                                                                     | 024-007-00-3                                                                                                                                                    | 236-878-9 | 13530-65-9 |          |                   |              |                |         |                      |               |                |      |
| 12 |  | TPH (C6 to C40) petroleum group                                                                                                                                 |           |            |          | <10               | mg/kg        |                | <10     | mg/kg                | <0.001 %      |                | <LOD |
|    |                                                                                     |                                                                                                                                                                 |           | TPH        |          |                   |              |                |         |                      |               |                |      |
| 13 |                                                                                     | benzene                                                                                                                                                         |           |            |          | <0.01             | mg/kg        |                | <0.01   | mg/kg                | <0.000001 %   |                | <LOD |
|    |                                                                                     | 601-020-00-8                                                                                                                                                    | 200-753-7 | 71-43-2    |          |                   |              |                |         |                      |               |                |      |
| 14 |                                                                                     | toluene                                                                                                                                                         |           |            |          | <0.01             | mg/kg        |                | <0.01   | mg/kg                | <0.000001 %   |                | <LOD |
|    |                                                                                     | 601-021-00-3                                                                                                                                                    | 203-625-9 | 108-88-3   |          |                   |              |                |         |                      |               |                |      |
| 15 |  | ethylbenzene                                                                                                                                                    |           |            |          | <0.01             | mg/kg        |                | <0.01   | mg/kg                | <0.000001 %   |                | <LOD |
|    |                                                                                     | 601-023-00-4                                                                                                                                                    | 202-849-4 | 100-41-4   |          |                   |              |                |         |                      |               |                |      |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                |                                                                  |                                                              | CLP Note | User entered data | Conv. Factor | Compound conc. |              | Classification value | MC Applied | Conc. Not Used |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------|----------|-------------------|--------------|----------------|--------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                        | EC Number                                                        | CAS Number                                                   |          |                   |              |                |              |                      |            |                |
| 16     | 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] |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %  |                      |            | <LOD           |
| 17     |  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 |                                                                  |                                                              |          | 0.2 mg/kg         | 1.884        | 0.331 mg/kg    | 0.0000331 %  | ✓                    |            |                |
| 18     |  pH<br>PH                                                                                                                                                                                                                                                                                 |                                                                  | PH                                                           |          | 8.3 pH            |              | 8.3 pH         | 8.3 pH       |                      |            |                |
| 19     | naphthalene<br>601-052-00-2                                                                                                                                                                                                                                                                                                                                                | 202-049-5                                                        | 91-20-3                                                      |          | 0.41 mg/kg        |              | 0.36 mg/kg     | 0.000036 %   | ✓                    |            |                |
| 20     |  acenaphthylene<br>205-917-1                                                                                                                                                                                                                                                              | 208-96-8                                                         |                                                              |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %  |                      |            | <LOD           |
| 21     |  acenaphthene<br>201-469-6                                                                                                                                                                                                                                                                | 83-32-9                                                          |                                                              |          | 1.2 mg/kg         |              | 1.053 mg/kg    | 0.000105 %   | ✓                    |            |                |
| 22     |  fluorene<br>201-695-5                                                                                                                                                                                                                                                                    | 86-73-7                                                          |                                                              |          | 0.66 mg/kg        |              | 0.579 mg/kg    | 0.0000579 %  | ✓                    |            |                |
| 23     |  phenanthrene<br>201-581-5                                                                                                                                                                                                                                                                | 85-01-8                                                          |                                                              |          | 2.6 mg/kg         |              | 2.281 mg/kg    | 0.000228 %   | ✓                    |            |                |
| 24     |  anthracene<br>204-371-1                                                                                                                                                                                                                                                                 | 120-12-7                                                         |                                                              |          | 0.72 mg/kg        |              | 0.632 mg/kg    | 0.0000632 %  | ✓                    |            |                |
| 25     |  fluoranthene<br>205-912-4                                                                                                                                                                                                                                                              | 206-44-0                                                         |                                                              |          | 4 mg/kg           |              | 3.509 mg/kg    | 0.000351 %   | ✓                    |            |                |
| 26     |  pyrene<br>204-927-3                                                                                                                                                                                                                                                                    | 129-00-0                                                         |                                                              |          | 3.7 mg/kg         |              | 3.246 mg/kg    | 0.000325 %   | ✓                    |            |                |
| 27     | benzo[a]anthracene<br>601-033-00-9                                                                                                                                                                                                                                                                                                                                         | 200-280-6                                                        | 56-55-3                                                      |          | 1 mg/kg           |              | 0.877 mg/kg    | 0.0000877 %  | ✓                    |            |                |
| 28     | chrysene<br>601-048-00-0                                                                                                                                                                                                                                                                                                                                                   | 205-923-4                                                        | 218-01-9                                                     |          | 1.1 mg/kg         |              | 0.965 mg/kg    | 0.0000965 %  | ✓                    |            |                |
| 29     | benzo[b]fluoranthene<br>601-034-00-4                                                                                                                                                                                                                                                                                                                                       | 205-911-9                                                        | 205-99-2                                                     |          | 0.9 mg/kg         |              | 0.789 mg/kg    | 0.0000789 %  | ✓                    |            |                |
| 30     | benzo[k]fluoranthene<br>601-036-00-5                                                                                                                                                                                                                                                                                                                                       | 205-916-6                                                        | 207-08-9                                                     |          | 0.29 mg/kg        |              | 0.254 mg/kg    | 0.0000254 %  | ✓                    |            |                |
| 31     | benzo[a]pyrene; benzo[def]chrysene<br>601-032-00-3                                                                                                                                                                                                                                                                                                                         | 200-028-5                                                        | 50-32-8                                                      |          | 0.68 mg/kg        |              | 0.596 mg/kg    | 0.0000596 %  | ✓                    |            |                |
| 32     |  indeno[123-cd]pyrene<br>205-893-2                                                                                                                                                                                                                                                      | 193-39-5                                                         |                                                              |          | 0.22 mg/kg        |              | 0.193 mg/kg    | 0.0000193 %  | ✓                    |            |                |
| 33     | dibenz[a,h]anthracene<br>601-041-00-2                                                                                                                                                                                                                                                                                                                                      | 200-181-8                                                        | 53-70-3                                                      |          | 0.07 mg/kg        |              | 0.0614 mg/kg   | 0.00000614 % | ✓                    |            |                |
| 34     |  benzo[ghi]perylene<br>205-883-8                                                                                                                                                                                                                                                        | 191-24-2                                                         |                                                              |          | 0.31 mg/kg        |              | 0.272 mg/kg    | 0.0000272 %  | ✓                    |            |                |
| 35     | phenol<br>604-001-00-2                                                                                                                                                                                                                                                                                                                                                     | 203-632-7                                                        | 108-95-2                                                     |          | 2.2 mg/kg         |              | 1.93 mg/kg     | 0.000193 %   | ✓                    |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                            |                                                                  |                                                              |          |                   |              |                |              | 0.0382 %             |            |                |

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: TP103 (0.3)



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

## Sample details

|                         |                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                          |
| <b>TP103 (0.3)</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>0.3 m</b>            |                                                                                                    |
| Moisture content:       |                                                                                                    |
| <b>15%</b>              |                                                                                                    |
| (dry weight correction) |                                                                                                    |

## Hazard properties

None identified

## Determinands

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

| #  |                                                                                     | Determinand                                                                                                                                                                                                                                                                |           |            | CLP Note | User entered data | Conv. Factor | Compound conc.     |              | Classification value | MC Applied | Conc. Not Used |
|----|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|--------------------|--------------|----------------------|------------|----------------|
|    |                                                                                     | EU CLP index number                                                                                                                                                                                                                                                        | EC Number | CAS Number |          |                   |              |                    |              |                      |            |                |
| 1  |  | arsenic { arsenic trioxide }                                                                                                                                                                                                                                               |           |            |          | 13      mg/kg     | 1.32         | 14.925      mg/kg  | 0.00149 %    | ✓                    |            |                |
|    |                                                                                     | 033-003-00-0                                                                                                                                                                                                                                                               | 215-481-4 | 1327-53-3  |          |                   |              |                    |              |                      |            |                |
| 2  |  | beryllium { beryllium oxide }                                                                                                                                                                                                                                              |           |            |          | 0.8      mg/kg    | 2.775        | 1.931      mg/kg   | 0.000193 %   | ✓                    |            |                |
|    |                                                                                     | 004-003-00-8                                                                                                                                                                                                                                                               | 215-133-1 | 1304-56-9  |          |                   |              |                    |              |                      |            |                |
| 3  |  | boron { diboron trioxide }                                                                                                                                                                                                                                                 |           |            |          | 0.7      mg/kg    | 3.22         | 1.96      mg/kg    | 0.000196 %   | ✓                    |            |                |
|    |                                                                                     | 005-008-00-8                                                                                                                                                                                                                                                               | 215-125-8 | 1303-86-2  |          |                   |              |                    |              |                      |            |                |
| 4  |  | cadmium { cadmium oxide }                                                                                                                                                                                                                                                  |           |            |          | 0.4      mg/kg    | 1.142        | 0.397      mg/kg   | 0.0000397 %  | ✓                    |            |                |
|    |                                                                                     | 048-002-00-0                                                                                                                                                                                                                                                               | 215-146-2 | 1306-19-0  |          |                   |              |                    |              |                      |            |                |
| 5  |  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                                                                                                                   |           |            |          | <1      mg/kg     | 2.27         | <2.27      mg/kg   | <0.000227 %  |                      | <LOD       |                |
|    |                                                                                     | 024-017-00-8                                                                                                                                                                                                                                                               |           |            |          |                   |              |                    |              |                      |            |                |
| 6  |  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                                                                                                                |           |            |          | 120      mg/kg    | 1.126        | 117.484      mg/kg | 0.0117 %     | ✓                    |            |                |
|    |                                                                                     | 029-002-00-X                                                                                                                                                                                                                                                               | 215-270-7 | 1317-39-1  |          |                   |              |                    |              |                      |            |                |
| 7  |  | lead { lead chromate }                                                                                                                                                                                                                                                     |           |            | 1        | 170      mg/kg    | 1.56         | 230.581      mg/kg | 0.0148 %     | ✓                    |            |                |
|    |                                                                                     | 082-004-00-2                                                                                                                                                                                                                                                               | 231-846-0 | 7758-97-6  |          |                   |              |                    |              |                      |            |                |
| 8  |  | mercury { mercury dichloride }                                                                                                                                                                                                                                             |           |            |          | 0.26      mg/kg   | 1.353        | 0.306      mg/kg   | 0.0000306 %  | ✓                    |            |                |
|    |                                                                                     | 080-010-00-X                                                                                                                                                                                                                                                               | 231-299-8 | 7487-94-7  |          |                   |              |                    |              |                      |            |                |
| 9  |  | nickel { nickel chromate }                                                                                                                                                                                                                                                 |           |            |          | 20      mg/kg     | 2.976        | 51.761      mg/kg  | 0.00518 %    | ✓                    |            |                |
|    |                                                                                     | 028-035-00-7                                                                                                                                                                                                                                                               | 238-766-5 | 14721-18-7 |          |                   |              |                    |              |                      |            |                |
| 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 chromate }                                                                                                                                                                                                                                                     |           |            |          | 150      mg/kg    | 2.774        | 361.845      mg/kg | 0.0362 %     | ✓                    |            |                |
|    |                                                                                     | 024-007-00-3                                                                                                                                                                                                                                                               | 236-878-9 | 13530-65-9 |          |                   |              |                    |              |                      |            |                |
| 12 |  | TPH (C6 to C40) petroleum group                                                                                                                                                                                                                                            |           |            |          | 670      mg/kg    |              | 582.609      mg/kg | 0.0583 %     | ✓                    |            |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | TPH        |          |                   |              |                    |              |                      |            |                |
| 13 |  | 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 } |           |            |          | 0.2      mg/kg    | 1.884        | 0.328      mg/kg   | 0.0000328 %  | ✓                    |            |                |
|    |                                                                                     | 006-007-00-5                                                                                                                                                                                                                                                               |           |            |          |                   |              |                    |              |                      |            |                |
| 14 |  | pH                                                                                                                                                                                                                                                                         |           |            |          | 8      pH         |              | 8      pH          | 8pH          |                      |            |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | PH         |          |                   |              |                    |              |                      |            |                |
| 15 |                                                                                     | naphthalene                                                                                                                                                                                                                                                                |           |            |          | 0.04      mg/kg   |              | 0.0348      mg/kg  | 0.00000348 % | ✓                    |            |                |
|    |                                                                                     | 601-052-00-2                                                                                                                                                                                                                                                               | 202-049-5 | 91-20-3    |          |                   |              |                    |              |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | 0.17 mg/kg        |              | 0.148 mg/kg    | 0.0000148 %          | ✓          |                |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | 0.07 mg/kg        |              | 0.0609 mg/kg   | 0.00000609 %         | ✓          |                |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.54 mg/kg        |              | 0.47 mg/kg     | 0.000047 %           | ✓          |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.26 mg/kg        |              | 0.226 mg/kg    | 0.0000226 %          | ✓          |                |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 2.3 mg/kg         |              | 2 mg/kg        | 0.0002 %             | ✓          |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 2 mg/kg           |              | 1.739 mg/kg    | 0.000174 %           | ✓          |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.65 mg/kg        |              | 0.565 mg/kg    | 0.0000565 %          | ✓          |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.58 mg/kg        |              | 0.504 mg/kg    | 0.0000504 %          | ✓          |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.57 mg/kg        |              | 0.496 mg/kg    | 0.0000496 %          | ✓          |                |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.21 mg/kg        |              | 0.183 mg/kg    | 0.0000183 %          | ✓          |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.39 mg/kg        |              | 0.339 mg/kg    | 0.0000339 %          | ✓          |                |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.14 mg/kg        |              | 0.122 mg/kg    | 0.0000122 %          | ✓          |                |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.04 mg/kg        |              | 0.0348 mg/kg   | 0.00000348 %         | ✓          |                |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.2 mg/kg         |              | 0.174 mg/kg    | 0.0000174 %          | ✓          |                |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | 0.6 mg/kg         |              | 0.522 mg/kg    | 0.0000522 %          | ✓          |                |
| Total: |                                    |              |            |          |                   |              |                | 0.129 %              |            |                |

## 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 Given the nature of the materials (soils) it is not considered to be appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0583%)

## Classification of sample: TP103 (1.5)



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

## Sample details

|                         |                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                          |
| <b>TP103 (1.5)</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>1.5 m</b>            |                                                                                                    |
| Moisture content:       |                                                                                                    |
| <b>22%</b>              |                                                                                                    |
| (dry weight correction) |                                                                                                    |

## Hazard properties

None identified

## Determinands

Moisture content: 22% Dry Weight Moisture Correction applied (MC)

| #  | Determinand                                                                                                                                              |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                      | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                             |           |            |          | 11 mg/kg          | 1.32         | 11.905 mg/kg   | 0.00119 %            | ✓          |                |
|    | 033-003-00-0                                                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                            |           |            |          | 1.2 mg/kg         | 2.775        | 2.73 mg/kg     | 0.000273 %           | ✓          |                |
|    | 004-003-00-8                                                                                                                                             | 215-133-1 | 1304-56-9  |          |                   |              |                |                      |            |                |
| 3  | boron { diboron trioxide }                                                                                                                               |           |            |          | 0.4 mg/kg         | 3.22         | 1.056 mg/kg    | 0.000106 %           | ✓          |                |
|    | 005-008-00-8                                                                                                                                             | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                |           |            |          | 0.5 mg/kg         | 1.142        | 0.468 mg/kg    | 0.0000468 %          | ✓          |                |
|    | 048-002-00-0                                                                                                                                             | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |           |            |          | <1 mg/kg          | 2.27         | <2.27 mg/kg    | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                             |           |            |          |                   |              |                |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                              |           |            |          | 100 mg/kg         | 1.126        | 92.286 mg/kg   | 0.00923 %            | ✓          |                |
|    | 029-002-00-X                                                                                                                                             | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                   |           |            | 1        | 33 mg/kg          | 1.56         | 42.192 mg/kg   | 0.0027 %             | ✓          |                |
|    | 082-004-00-2                                                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |              |                |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                           |           |            |          | <0.05 mg/kg       | 1.353        | <0.0677 mg/kg  | <0.00000677 %        |            | <LOD           |
|    | 080-010-00-X                                                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                               |           |            |          | 42 mg/kg          | 2.976        | 102.462 mg/kg  | 0.0102 %             | ✓          |                |
|    | 028-035-00-7                                                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 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 chromate }                                                                                                                                   |           |            |          | 160 mg/kg         | 2.774        | 363.822 mg/kg  | 0.0364 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |              |                |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                          |           | TPH        |          | 250 mg/kg         |              | 204.918 mg/kg  | 0.0205 %             | ✓          |                |
|    |                                                                                                                                                          |           |            |          |                   |              |                |                      |            |                |
| 13 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane                                                                                                 |           |            |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %          |            | <LOD           |
|    | 603-181-00-X                                                                                                                                             | 216-653-1 | 1634-04-4  |          |                   |              |                |                      |            |                |
| 14 | benzene                                                                                                                                                  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    | 601-020-00-8                                                                                                                                             | 200-753-7 | 71-43-2    |          |                   |              |                |                      |            |                |
| 15 | toluene                                                                                                                                                  |           |            |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %           |            | <LOD           |
|    | 601-021-00-3                                                                                                                                             | 203-625-9 | 108-88-3   |          |                   |              |                |                      |            |                |

| #      | Determinand                                                                                                                                                                                            |                                                                  |                                                              | CLP Note | User entered data | Conv. Factor | Compound conc. |              | Classification value | MC Applied | Conc. Not Used |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------|----------|-------------------|--------------|----------------|--------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                    | EC Number                                                        | CAS Number                                                   |          |                   |              |                |              |                      |            |                |
| 16     | ethylbenzene<br>601-023-00-4                                                                                                                                                                           | 202-849-4                                                        | 100-41-4                                                     |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %   |                      |            | <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] |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %   |                      |            | <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 |                                                                  |                                                              |          | 0.4 mg/kg         | 1.884        | 0.618 mg/kg    | 0.0000618 %  | ✓                    |            |                |
| 19     | pH                                                                                                                                                                                                     |                                                                  | PH                                                           |          | 8 pH              |              | 8 pH           | 8pH          |                      |            |                |
| 20     | naphthalene<br>601-052-00-2                                                                                                                                                                            | 202-049-5                                                        | 91-20-3                                                      |          | 0.33 mg/kg        |              | 0.27 mg/kg     | 0.000027 %   | ✓                    |            |                |
| 21     | acenaphthylene<br>205-917-1                                                                                                                                                                            | 208-96-8                                                         |                                                              |          | 0.2 mg/kg         |              | 0.164 mg/kg    | 0.0000164 %  | ✓                    |            |                |
| 22     | acenaphthene<br>201-469-6                                                                                                                                                                              | 83-32-9                                                          |                                                              |          | 12 mg/kg          |              | 9.836 mg/kg    | 0.000984 %   | ✓                    |            |                |
| 23     | fluorene<br>201-695-5                                                                                                                                                                                  | 86-73-7                                                          |                                                              |          | 20 mg/kg          |              | 16.393 mg/kg   | 0.00164 %    | ✓                    |            |                |
| 24     | phenanthrene<br>201-581-5                                                                                                                                                                              | 85-01-8                                                          |                                                              |          | 29 mg/kg          |              | 23.77 mg/kg    | 0.00238 %    | ✓                    |            |                |
| 25     | anthracene<br>204-371-1                                                                                                                                                                                | 120-12-7                                                         |                                                              |          | 6.2 mg/kg         |              | 5.082 mg/kg    | 0.000508 %   | ✓                    |            |                |
| 26     | fluoranthene<br>205-912-4                                                                                                                                                                              | 206-44-0                                                         |                                                              |          | 4.4 mg/kg         |              | 3.607 mg/kg    | 0.000361 %   | ✓                    |            |                |
| 27     | pyrene<br>204-927-3                                                                                                                                                                                    | 129-00-0                                                         |                                                              |          | 2.9 mg/kg         |              | 2.377 mg/kg    | 0.000238 %   | ✓                    |            |                |
| 28     | benzo[a]anthracene<br>601-033-00-9                                                                                                                                                                     | 200-280-6                                                        | 56-55-3                                                      |          | 0.48 mg/kg        |              | 0.393 mg/kg    | 0.0000393 %  | ✓                    |            |                |
| 29     | chrysene<br>601-048-00-0                                                                                                                                                                               | 205-923-4                                                        | 218-01-9                                                     |          | 0.7 mg/kg         |              | 0.574 mg/kg    | 0.0000574 %  | ✓                    |            |                |
| 30     | benzo[b]fluoranthene<br>601-034-00-4                                                                                                                                                                   | 205-911-9                                                        | 205-99-2                                                     |          | 0.3 mg/kg         |              | 0.246 mg/kg    | 0.0000246 %  | ✓                    |            |                |
| 31     | benzo[k]fluoranthene<br>601-036-00-5                                                                                                                                                                   | 205-916-6                                                        | 207-08-9                                                     |          | 0.1 mg/kg         |              | 0.082 mg/kg    | 0.0000082 %  | ✓                    |            |                |
| 32     | benzo[a]pyrene; benzo[def]chrysene<br>601-032-00-3                                                                                                                                                     | 200-028-5                                                        | 50-32-8                                                      |          | 0.22 mg/kg        |              | 0.18 mg/kg     | 0.000018 %   | ✓                    |            |                |
| 33     | indeno[123-cd]pyrene<br>205-893-2                                                                                                                                                                      | 193-39-5                                                         |                                                              |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %   |                      |            | <LOD           |
| 34     | 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           |
| 35     | benzo[ghi]perylene<br>205-883-8                                                                                                                                                                        | 191-24-2                                                         |                                                              |          | 0.11 mg/kg        |              | 0.0902 mg/kg   | 0.00000902 % | ✓                    |            |                |
| 36     | phenol<br>604-001-00-2                                                                                                                                                                                 | 203-632-7                                                        | 108-95-2                                                     |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %   |                      |            | <LOD           |
| 37     | tetrachloroethylene<br>602-028-00-4                                                                                                                                                                    | 204-825-9                                                        | 127-18-4                                                     |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %  |                      |            | <LOD           |
| 38     | carbon tetrachloride; tetrachloromethane<br>602-008-00-5                                                                                                                                               | 200-262-8                                                        | 56-23-5                                                      |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %  |                      |            | <LOD           |
| 39     | trichloroethylene; trichloroethene<br>602-027-00-9                                                                                                                                                     | 201-167-4                                                        | 79-01-6                                                      |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %  |                      |            | <LOD           |
| 40     | vinyl chloride; chloroethylene<br>602-023-00-7                                                                                                                                                         | 200-831-0                                                        | 75-01-4                                                      |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %  |                      |            | <LOD           |
| 41     | hexachlorobenzene<br>602-065-00-6                                                                                                                                                                      | 204-273-9                                                        | 118-74-1                                                     |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %   |                      |            | <LOD           |
| Total: |                                                                                                                                                                                                        |                                                                  |                                                              |          |                   |              |                |              | 0.0875 %             |            |                |

|             |                                                                                                                                 |
|-------------|---------------------------------------------------------------------------------------------------------------------------------|
| 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 Given the nature of the materials (soils) it is not considered to be appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0205%)

## Classification of sample: TP104 (0.8)

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

## Sample details

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                 |
| <b>TP104 (0.8)</b>      | Chapter:                                                                                  |
| Sample Depth:           | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.8 m</b>            | Entry:                                                                                    |
| Moisture content:       | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>24%</b>              |                                                                                           |
| (dry weight correction) |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 24% Dry Weight Moisture Correction applied (MC)

| #  | Determinand                                                                                                                                              |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                      | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                             |           |            |          | 7.7 mg/kg         | 1.32         | 8.199 mg/kg    | 0.00082 %            | ✓          |                |
|    | 033-003-00-0                                                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                            |           |            |          | 0.7 mg/kg         | 2.775        | 1.567 mg/kg    | 0.000157 %           | ✓          |                |
|    | 004-003-00-8                                                                                                                                             | 215-133-1 | 1304-56-9  |          |                   |              |                |                      |            |                |
| 3  | boron { diboron trioxide }                                                                                                                               |           |            |          | 0.8 mg/kg         | 3.22         | 2.077 mg/kg    | 0.000208 %           | ✓          |                |
|    | 005-008-00-8                                                                                                                                             | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                |           |            |          | 0.3 mg/kg         | 1.142        | 0.276 mg/kg    | 0.0000276 %          | ✓          |                |
|    | 048-002-00-0                                                                                                                                             | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |           |            |          | <1 mg/kg          | 2.27         | <2.27 mg/kg    | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                             |           |            |          |                   |              |                |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                              |           |            |          | 17 mg/kg          | 1.126        | 15.436 mg/kg   | 0.00154 %            | ✓          |                |
|    | 029-002-00-X                                                                                                                                             | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                   |           |            | 1        | 20 mg/kg          | 1.56         | 25.158 mg/kg   | 0.00161 %            | ✓          |                |
|    | 082-004-00-2                                                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |              |                |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                           |           |            |          | <0.05 mg/kg       | 1.353        | <0.0677 mg/kg  | <0.00000677 %        |            | <LOD           |
|    | 080-010-00-X                                                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                               |           |            |          | 18 mg/kg          | 2.976        | 43.204 mg/kg   | 0.00432 %            | ✓          |                |
|    | 028-035-00-7                                                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 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 chromate }                                                                                                                                   |           |            |          | 63 mg/kg          | 2.774        | 140.945 mg/kg  | 0.0141 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |              |                |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                          |           |            |          | 11 mg/kg          |              | 8.871 mg/kg    | 0.000887 %           | ✓          |                |
|    |                                                                                                                                                          |           | TPH        |          |                   |              |                |                      |            |                |
| 13 | tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane                                                                                                 |           |            |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %          |            | <LOD           |
|    | 603-181-00-X                                                                                                                                             | 216-653-1 | 1634-04-4  |          |                   |              |                |                      |            |                |
| 14 | benzene                                                                                                                                                  |           |            |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %          |            | <LOD           |
|    | 601-020-00-8                                                                                                                                             | 200-753-7 | 71-43-2    |          |                   |              |                |                      |            |                |
| 15 | toluene                                                                                                                                                  |           |            |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %          |            | <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                                                     |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %  |                      |            | <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] |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %  |                      |            | <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 |                                                                  |                                                              |          | 0.3 mg/kg         | 1.884        | 0.456 mg/kg    | 0.0000456 %  | ✓                    |            |                |
| 19     | pH                                                                                                                                                                                                     |                                                                  | PH                                                           |          | 7.5 pH            |              | 7.5 pH         | 7.5 pH       |                      |            |                |
| 20     | naphthalene<br>601-052-00-2                                                                                                                                                                            | 202-049-5                                                        | 91-20-3                                                      |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %   |                      |            | <LOD           |
| 21     | acenaphthylene<br>205-917-1                                                                                                                                                                            | 208-96-8                                                         |                                                              |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %   |                      |            | <LOD           |
| 22     | acenaphthene<br>201-469-6                                                                                                                                                                              | 83-32-9                                                          |                                                              |          | 0.16 mg/kg        |              | 0.129 mg/kg    | 0.0000129 %  | ✓                    |            |                |
| 23     | fluorene<br>201-695-5                                                                                                                                                                                  | 86-73-7                                                          |                                                              |          | 0.17 mg/kg        |              | 0.137 mg/kg    | 0.0000137 %  | ✓                    |            |                |
| 24     | phenanthrene<br>201-581-5                                                                                                                                                                              | 85-01-8                                                          |                                                              |          | 0.37 mg/kg        |              | 0.298 mg/kg    | 0.0000298 %  | ✓                    |            |                |
| 25     | anthracene<br>204-371-1                                                                                                                                                                                | 120-12-7                                                         |                                                              |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %   |                      |            | <LOD           |
| 26     | fluoranthene<br>205-912-4                                                                                                                                                                              | 206-44-0                                                         |                                                              |          | 0.15 mg/kg        |              | 0.121 mg/kg    | 0.0000121 %  | ✓                    |            |                |
| 27     | pyrene<br>204-927-3                                                                                                                                                                                    | 129-00-0                                                         |                                                              |          | 0.11 mg/kg        |              | 0.0887 mg/kg   | 0.00000887 % | ✓                    |            |                |
| 28     | 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           |
| 29     | chrysene<br>601-048-00-0                                                                                                                                                                               | 205-923-4                                                        | 218-01-9                                                     |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %   |                      |            | <LOD           |
| 30     | 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           |
| 31     | 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           |
| 32     | 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           |
| 33     | indeno[123-cd]pyrene<br>205-893-2                                                                                                                                                                      | 193-39-5                                                         |                                                              |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %   |                      |            | <LOD           |
| 34     | 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           |
| 35     | benzo[ghi]perylene<br>205-883-8                                                                                                                                                                        | 191-24-2                                                         |                                                              |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %   |                      |            | <LOD           |
| 36     | phenol<br>604-001-00-2                                                                                                                                                                                 | 203-632-7                                                        | 108-95-2                                                     |          | 0.4 mg/kg         |              | 0.323 mg/kg    | 0.0000323 %  | ✓                    |            |                |
| 37     | tetrachloroethylene<br>602-028-00-4                                                                                                                                                                    | 204-825-9                                                        | 127-18-4                                                     |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %  |                      |            | <LOD           |
| 38     | carbon tetrachloride; tetrachloromethane<br>602-008-00-5                                                                                                                                               | 200-262-8                                                        | 56-23-5                                                      |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %  |                      |            | <LOD           |
| 39     | trichloroethylene; trichloroethene<br>602-027-00-9                                                                                                                                                     | 201-167-4                                                        | 79-01-6                                                      |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %  |                      |            | <LOD           |
| 40     | vinyl chloride; chloroethylene<br>602-023-00-7                                                                                                                                                         | 200-831-0                                                        | 75-01-4                                                      |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 %  |                      |            | <LOD           |
| 41     | hexachlorobenzene<br>602-065-00-6                                                                                                                                                                      | 204-273-9                                                        | 118-74-1                                                     |          | <0.1 mg/kg        |              | <0.1 mg/kg     | <0.00001 %   |                      |            | <LOD           |
| Total: |                                                                                                                                                                                                        |                                                                  |                                                              |          |                   |              |                |              | 0.0243 %             |            |                |

## 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 Given the nature of the materials (soils) it is not considered to be appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00088%)

## Classification of sample: TP106 (0.3)



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

## Sample details

|                         |                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                          |
| <b>TP106 (0.3)</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>0.3 m</b>            |                                                                                                    |
| Moisture content:       |                                                                                                    |
| <b>21%</b>              |                                                                                                    |
| (dry weight correction) |                                                                                                    |

## Hazard properties

None identified

## Determinands

Moisture content: 21% Dry Weight Moisture Correction applied (MC)

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 4.4 mg/kg         | 1.32         | 4.801 mg/kg    | 0.00048 %            | ✓          |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | <0.2 mg/kg        | 2.775        | <0.555 mg/kg   | <0.0000555 %         |            | <LOD           |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |              |                |                      |            |                |
| 3  | boron { diboron trioxide }                                                                                                                                                             |           |            |          | <0.2 mg/kg        | 3.22         | <0.644 mg/kg   | <0.0000644 %         |            | <LOD           |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.2 mg/kg         | 1.142        | 0.189 mg/kg    | 0.0000189 %          | ✓          |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |           |            |          | <1 mg/kg          | 2.27         | <2.27 mg/kg    | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 11 mg/kg          | 1.126        | 10.235 mg/kg   | 0.00102 %            | ✓          |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 8.2 mg/kg         | 1.56         | 10.571 mg/kg   | 0.000678 %           | ✓          |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |              |                |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | 0.06 mg/kg        | 1.353        | 0.0671 mg/kg   | 0.00000671 %         | ✓          |                |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 5.5 mg/kg         | 2.976        | 13.528 mg/kg   | 0.00135 %            | ✓          |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 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 chromate }                                                                                                                                                                 |           |            |          | 31 mg/kg          | 2.774        | 71.073 mg/kg   | 0.00711 %            | ✓          |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |              |                |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | 90 mg/kg          |              | 74.38 mg/kg    | 0.00744 %            | ✓          |                |
|    |                                                                                                                                                                                        |           | TPH        |          |                   |              |                |                      |            |                |
| 13 | 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 } |           |            |          | <0.1 mg/kg        | 1.884        | <0.188 mg/kg   | <0.0000188 %         |            | <LOD           |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 8.5 pH            |              | 8.5 pH         | 8.5 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |                      |            |                |
| 15 | naphthalene                                                                                                                                                                            |           |            |          | 0.07 mg/kg        |              | 0.0579 mg/kg   | 0.00000579 %         | ✓          |                |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |              |                |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | 0.12 mg/kg        |              | 0.0992 mg/kg   | 0.00000992 %         | ✓          |                |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | 0.07 mg/kg        |              | 0.0579 mg/kg   | 0.00000579 %         | ✓          |                |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.47 mg/kg        |              | 0.388 mg/kg    | 0.0000388 %          | ✓          |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.1 mg/kg         |              | 0.0826 mg/kg   | 0.00000826 %         | ✓          |                |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.58 mg/kg        |              | 0.479 mg/kg    | 0.0000479 %          | ✓          |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.6 mg/kg         |              | 0.496 mg/kg    | 0.0000496 %          | ✓          |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.17 mg/kg        |              | 0.14 mg/kg     | 0.000014 %           | ✓          |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.19 mg/kg        |              | 0.157 mg/kg    | 0.0000157 %          | ✓          |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.16 mg/kg        |              | 0.132 mg/kg    | 0.0000132 %          | ✓          |                |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.06 mg/kg        |              | 0.0496 mg/kg   | 0.00000496 %         | ✓          |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.13 mg/kg        |              | 0.107 mg/kg    | 0.0000107 %          | ✓          |                |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.05 mg/kg        |              | 0.0413 mg/kg   | 0.00000413 %         | ✓          |                |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.09 mg/kg        |              | 0.0744 mg/kg   | 0.00000744 %         | ✓          |                |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.0189 %             |            |                |

## 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** Given the nature of the materials (soils) it is not considered to be appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00744%)

## Classification of sample: TP106 (2.8)

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

## Sample details

|                         |                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                          |
| <b>TP106 (2.8)</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>2.8 m</b>            |                                                                                                    |
| Moisture content:       |                                                                                                    |
| <b>14%</b>              |                                                                                                    |
| (dry 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.: 0.167%)

**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.: 0.167%)

## 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 determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.167%)

## Determinands

Moisture content: 14% Dry Weight Moisture Correction applied (MC)

| # |                                                                                     | Determinand                   |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|---|-------------------------------------------------------------------------------------|-------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|   |                                                                                     | EU CLP index number           | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 1 |  | arsenic { arsenic trioxide }  |           |            |          | 13 mg/kg          | 1.32         | 15.056 mg/kg   | 0.00151 %            | ✓          |                |
|   |                                                                                     | 033-003-00-0                  | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2 |  | beryllium { beryllium oxide } |           |            |          | 0.8 mg/kg         | 2.775        | 1.948 mg/kg    | 0.000195 %           | ✓          |                |
|   |                                                                                     | 004-003-00-8                  | 215-133-1 | 1304-56-9  |          |                   |              |                |                      |            |                |
| 3 |  | boron { diboron trioxide }    |           |            |          | <0.2 mg/kg        | 3.22         | <0.644 mg/kg   | <0.0000644 %         |            | <LOD           |
|   |                                                                                     | 005-008-00-8                  | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |

| #  | Determinand                                                                                                                                                                            |                                                                  |                                                              | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number                                                        | CAS Number                                                   |          |                   |       |              |                |       |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |                                                                  |                                                              |          | 0.2               | mg/kg | 1.142        | 0.2            | mg/kg | 0.00002 %            | ✓          |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2                                                        | 1306-19-0                                                    |          |                   |       |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |                                                                  |                                                              |          | <1                | mg/kg | 2.27         | <2.27          | mg/kg | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                                                           |                                                                  |                                                              |          |                   |       |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |                                                                  |                                                              |          | 30                | mg/kg | 1.126        | 29.629         | mg/kg | 0.00296 %            | ✓          |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7                                                        | 1317-39-1                                                    |          |                   |       |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |                                                                  |                                                              | 1        | 21                | mg/kg | 1.56         | 28.733         | mg/kg | 0.00184 %            | ✓          |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0                                                        | 7758-97-6                                                    |          |                   |       |              |                |       |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |                                                                  |                                                              |          | <0.05             | mg/kg | 1.353        | <0.0677        | mg/kg | <0.00000677 %        |            | <LOD           |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8                                                        | 7487-94-7                                                    |          |                   |       |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |                                                                  |                                                              |          | 19                | mg/kg | 2.976        | 49.604         | mg/kg | 0.00496 %            | ✓          |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5                                                        | 14721-18-7                                                   |          |                   |       |              |                |       |                      |            |                |
| 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 chromate }                                                                                                                                                                 |                                                                  |                                                              |          | 64                | mg/kg | 2.774        | 155.742        | mg/kg | 0.0156 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9                                                        | 13530-65-9                                                   |          |                   |       |              |                |       |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |                                                                  | TPH                                                          |          | 1900              | mg/kg |              | 1666.667       | mg/kg | 0.167 %              | ✓          |                |
| 13 | benzene                                                                                                                                                                                |                                                                  |                                                              |          | <0.01             | mg/kg |              | <0.01          | mg/kg | <0.000001 %          |            | <LOD           |
|    | 601-020-00-8                                                                                                                                                                           | 200-753-7                                                        | 71-43-2                                                      |          |                   |       |              |                |       |                      |            |                |
| 14 | toluene                                                                                                                                                                                |                                                                  |                                                              |          | <0.01             | mg/kg |              | <0.01          | mg/kg | <0.000001 %          |            | <LOD           |
|    | 601-021-00-3                                                                                                                                                                           | 203-625-9                                                        | 108-88-3                                                     |          |                   |       |              |                |       |                      |            |                |
| 15 | ethylbenzene                                                                                                                                                                           |                                                                  |                                                              |          | <0.01             | mg/kg |              | <0.01          | mg/kg | <0.000001 %          |            | <LOD           |
|    | 601-023-00-4                                                                                                                                                                           | 202-849-4                                                        | 100-41-4                                                     |          |                   |       |              |                |       |                      |            |                |
| 16 | xylene                                                                                                                                                                                 |                                                                  |                                                              |          | <0.01             | mg/kg |              | <0.01          | mg/kg | <0.000001 %          |            | <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] |          |                   |       |              |                |       |                      |            |                |
| 17 | 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 } |                                                                  |                                                              |          | <0.1              | mg/kg | 1.884        | <0.188         | mg/kg | <0.0000188 %         |            | <LOD           |
|    | 006-007-00-5                                                                                                                                                                           |                                                                  |                                                              |          |                   |       |              |                |       |                      |            |                |
| 18 | pH                                                                                                                                                                                     |                                                                  | PH                                                           |          | 7.2               | pH    |              | 7.2            | pH    | 7.2 pH               |            |                |
|    |                                                                                                                                                                                        |                                                                  |                                                              |          |                   |       |              |                |       |                      |            |                |
| 19 | naphthalene                                                                                                                                                                            |                                                                  |                                                              |          | 1.1               | mg/kg |              | 0.965          | mg/kg | 0.0000965 %          | ✓          |                |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5                                                        | 91-20-3                                                      |          |                   |       |              |                |       |                      |            |                |
| 20 | acenaphthylene                                                                                                                                                                         |                                                                  |                                                              |          | 0.09              | mg/kg |              | 0.0789         | mg/kg | 0.00000789 %         | ✓          |                |
|    |                                                                                                                                                                                        | 205-917-1                                                        | 208-96-8                                                     |          |                   |       |              |                |       |                      |            |                |
| 21 | acenaphthene                                                                                                                                                                           |                                                                  |                                                              |          | 7.1               | mg/kg |              | 6.228          | mg/kg | 0.000623 %           | ✓          |                |
|    |                                                                                                                                                                                        | 201-469-6                                                        | 83-32-9                                                      |          |                   |       |              |                |       |                      |            |                |
| 22 | fluorene                                                                                                                                                                               |                                                                  |                                                              |          | 3.8               | mg/kg |              | 3.333          | mg/kg | 0.000333 %           | ✓          |                |
|    |                                                                                                                                                                                        | 201-695-5                                                        | 86-73-7                                                      |          |                   |       |              |                |       |                      |            |                |
| 23 | phenanthrene                                                                                                                                                                           |                                                                  |                                                              |          | 23                | mg/kg |              | 20.175         | mg/kg | 0.00202 %            | ✓          |                |
|    |                                                                                                                                                                                        | 201-581-5                                                        | 85-01-8                                                      |          |                   |       |              |                |       |                      |            |                |
| 24 | anthracene                                                                                                                                                                             |                                                                  |                                                              |          | 4.5               | mg/kg |              | 3.947          | mg/kg | 0.000395 %           | ✓          |                |
|    |                                                                                                                                                                                        | 204-371-1                                                        | 120-12-7                                                     |          |                   |       |              |                |       |                      |            |                |
| 25 | fluoranthene                                                                                                                                                                           |                                                                  |                                                              |          | 48                | mg/kg |              | 42.105         | mg/kg | 0.00421 %            | ✓          |                |
|    |                                                                                                                                                                                        | 205-912-4                                                        | 206-44-0                                                     |          |                   |       |              |                |       |                      |            |                |
| 26 | pyrene                                                                                                                                                                                 |                                                                  |                                                              |          | 39                | mg/kg |              | 34.211         | mg/kg | 0.00342 %            | ✓          |                |
|    |                                                                                                                                                                                        | 204-927-3                                                        | 129-00-0                                                     |          |                   |       |              |                |       |                      |            |                |
| 27 | benzo[a]anthracene                                                                                                                                                                     |                                                                  |                                                              |          | 7.3               | mg/kg |              | 6.404          | mg/kg | 0.00064 %            | ✓          |                |
|    | 601-033-00-9                                                                                                                                                                           | 200-280-6                                                        | 56-55-3                                                      |          |                   |       |              |                |       |                      |            |                |
| 28 | chrysene                                                                                                                                                                               |                                                                  |                                                              |          | 7.9               | mg/kg |              | 6.93           | mg/kg | 0.000693 %           | ✓          |                |
|    | 601-048-00-0                                                                                                                                                                           | 205-923-4                                                        | 218-01-9                                                     |          |                   |       |              |                |       |                      |            |                |
| 29 | benzo[b]fluoranthene                                                                                                                                                                   |                                                                  |                                                              |          | 6.5               | mg/kg |              | 5.702          | mg/kg | 0.00057 %            | ✓          |                |
|    | 601-034-00-4                                                                                                                                                                           | 205-911-9                                                        | 205-99-2                                                     |          |                   |       |              |                |       |                      |            |                |

| #      | Determinand                                        |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|----------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number                                | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 30     | benzo[k]fluoranthene<br>601-036-00-5               | 205-916-6 | 207-08-9   |          | 2.2 mg/kg         |              | 1.93 mg/kg     | 0.000193 %           | ✓          |                |
| 31     | benzo[a]pyrene; benzo[def]chrysene<br>601-032-00-3 | 200-028-5 | 50-32-8    |          | 5 mg/kg           |              | 4.386 mg/kg    | 0.000439 %           | ✓          |                |
| 32     | indeno[123-cd]pyrene<br>205-893-2                  | 193-39-5  |            |          | 1.7 mg/kg         |              | 1.491 mg/kg    | 0.000149 %           | ✓          |                |
| 33     | dibenz[a,h]anthracene<br>601-041-00-2              | 200-181-8 | 53-70-3    |          | 0.46 mg/kg        |              | 0.404 mg/kg    | 0.0000404 %          | ✓          |                |
| 34     | benzo[ghi]perylene<br>205-883-8                    | 191-24-2  |            |          | 2 mg/kg           |              | 1.754 mg/kg    | 0.000175 %           | ✓          |                |
| 35     | phenol<br>604-001-00-2                             | 203-632-7 | 108-95-2   |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| Total: |                                                    |           |            |          |                   |              |                | 0.208 %              |            |                |

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                                                                   |

## Classification of sample: TP107 (0.5)

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

## Sample details

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                 |
| <b>TP107 (0.5)</b>      | Chapter:                                                                                  |
| Sample Depth:           | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.5 m</b>            | Entry:                                                                                    |
| Moisture content:       | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>22%</b>              |                                                                                           |
| (dry weight correction) |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 22% Dry Weight Moisture Correction applied (MC)

| #  |  | Determinand                                                                                                                                                                             |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. |              | Classification value | MC Applied | Conc. Not Used |
|----|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|--------------|----------------------|------------|----------------|
|    |  | EU CLP index number                                                                                                                                                                     | EC Number | CAS Number |          |                   |              |                |              |                      |            |                |
| 1  |  | arsenic { arsenic trioxide }                                                                                                                                                            |           |            |          | 13 mg/kg          | 1.32         | 14.069 mg/kg   | 0.00141 %    |                      | ✓          |                |
|    |  | 033-003-00-0                                                                                                                                                                            | 215-481-4 | 1327-53-3  |          |                   |              |                |              |                      |            |                |
| 2  |  | beryllium { beryllium oxide }                                                                                                                                                           |           |            |          | 0.8 mg/kg         | 2.775        | 1.82 mg/kg     | 0.000182 %   |                      | ✓          |                |
|    |  | 004-003-00-8                                                                                                                                                                            | 215-133-1 | 1304-56-9  |          |                   |              |                |              |                      |            |                |
| 3  |  | boron { diboron trioxide }                                                                                                                                                              |           |            |          | 0.4 mg/kg         | 3.22         | 1.056 mg/kg    | 0.000106 %   |                      | ✓          |                |
|    |  | 005-008-00-8                                                                                                                                                                            | 215-125-8 | 1303-86-2  |          |                   |              |                |              |                      |            |                |
| 4  |  | cadmium { cadmium oxide }                                                                                                                                                               |           |            |          | 0.4 mg/kg         | 1.142        | 0.375 mg/kg    | 0.0000375 %  |                      | ✓          |                |
|    |  | 048-002-00-0                                                                                                                                                                            | 215-146-2 | 1306-19-0  |          |                   |              |                |              |                      |            |                |
| 5  |  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                                |           |            |          | <1 mg/kg          | 2.27         | <2.27 mg/kg    | <0.000227 %  |                      |            | <LOD           |
|    |  | 024-017-00-8                                                                                                                                                                            |           |            |          |                   |              |                |              |                      |            |                |
| 6  |  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                             |           |            |          | 52 mg/kg          | 1.126        | 47.989 mg/kg   | 0.0048 %     |                      | ✓          |                |
|    |  | 029-002-00-X                                                                                                                                                                            | 215-270-7 | 1317-39-1  |          |                   |              |                |              |                      |            |                |
| 7  |  | lead { lead chromate }                                                                                                                                                                  |           |            | 1        | 100 mg/kg         | 1.56         | 127.854 mg/kg  | 0.0082 %     |                      | ✓          |                |
|    |  | 082-004-00-2                                                                                                                                                                            | 231-846-0 | 7758-97-6  |          |                   |              |                |              |                      |            |                |
| 8  |  | mercury { mercury dichloride }                                                                                                                                                          |           |            |          | 0.09 mg/kg        | 1.353        | 0.0998 mg/kg   | 0.00000998 % |                      | ✓          |                |
|    |  | 080-010-00-X                                                                                                                                                                            | 231-299-8 | 7487-94-7  |          |                   |              |                |              |                      |            |                |
| 9  |  | nickel { nickel chromate }                                                                                                                                                              |           |            |          | 19 mg/kg          | 2.976        | 46.352 mg/kg   | 0.00464 %    |                      | ✓          |                |
|    |  | 028-035-00-7                                                                                                                                                                            | 238-766-5 | 14721-18-7 |          |                   |              |                |              |                      |            |                |
| 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 chromate }                                                                                                                                                                  |           |            |          | 110 mg/kg         | 2.774        | 250.128 mg/kg  | 0.025 %      |                      | ✓          |                |
|    |  | 024-007-00-3                                                                                                                                                                            | 236-878-9 | 13530-65-9 |          |                   |              |                |              |                      |            |                |
| 12 |  | TPH (C6 to C40) petroleum group                                                                                                                                                         |           |            |          | 24 mg/kg          |              | 19.672 mg/kg   | 0.00197 %    |                      | ✓          |                |
|    |  |                                                                                                                                                                                         |           | TPH        |          |                   |              |                |              |                      |            |                |
| 13 |  | 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 } |           |            |          | 0.2 mg/kg         | 1.884        | 0.309 mg/kg    | 0.0000309 %  |                      | ✓          |                |
|    |  | 006-007-00-5                                                                                                                                                                            |           |            |          |                   |              |                |              |                      |            |                |
| 14 |  | pH                                                                                                                                                                                      |           |            |          | 7.7 pH            |              | 7.7 pH         | 7.7 pH       |                      |            |                |
|    |  |                                                                                                                                                                                         |           | PH         |          |                   |              |                |              |                      |            |                |
| 15 |  | naphthalene                                                                                                                                                                             |           |            |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %  |                      |            | <LOD           |
|    |  | 601-052-00-2                                                                                                                                                                            | 202-049-5 | 91-20-3    |          |                   |              |                |              |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | 0.11 mg/kg        |              | 0.0902 mg/kg   | 0.00000902 %         | ✓          |                |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.51 mg/kg        |              | 0.418 mg/kg    | 0.0000418 %          | ✓          |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.08 mg/kg        |              | 0.0656 mg/kg   | 0.00000656 %         | ✓          |                |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.74 mg/kg        |              | 0.607 mg/kg    | 0.0000607 %          | ✓          |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.76 mg/kg        |              | 0.623 mg/kg    | 0.0000623 %          | ✓          |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.24 mg/kg        |              | 0.197 mg/kg    | 0.0000197 %          | ✓          |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.29 mg/kg        |              | 0.238 mg/kg    | 0.0000238 %          | ✓          |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.28 mg/kg        |              | 0.23 mg/kg     | 0.000023 %           | ✓          |                |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.11 mg/kg        |              | 0.0902 mg/kg   | 0.00000902 %         | ✓          |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.21 mg/kg        |              | 0.172 mg/kg    | 0.0000172 %          | ✓          |                |
| 28     | indeno[123-cd]pyrene               |              | 205-893-2  |          | 0.08 mg/kg        |              | 0.0656 mg/kg   | 0.00000656 %         | ✓          |                |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | benzo[ghi]perylene                 |              | 205-883-8  |          | 0.1 mg/kg         |              | 0.082 mg/kg    | 0.0000082 %          | ✓          |                |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.0471 %             |            |                |

#### 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 Given the nature of the materials (soils) it is not considered to be appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00197%)

## Classification of sample: TP107 (1.5)

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

## Sample details

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                 |
| <b>TP107 (1.5)</b>      | Chapter:                                                                                  |
| Sample Depth:           | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>1.5 m</b>            | Entry:                                                                                    |
| Moisture content:       | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>19%</b>              |                                                                                           |
| (dry weight correction) |                                                                                           |

## Hazard properties

None identified

## Determinands

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

| #  |                                                                                     | Determinand                                                                                                                                                                                                                                                                |           |            | CLP Note | User entered data | Conv. Factor | Compound conc.     |             | Classification value | MC Applied | Conc. Not Used |
|----|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|--------------------|-------------|----------------------|------------|----------------|
|    |                                                                                     | EU CLP index number                                                                                                                                                                                                                                                        | EC Number | CAS Number |          |                   |              |                    |             |                      |            |                |
| 1  |  | arsenic { arsenic trioxide }                                                                                                                                                                                                                                               |           |            |          | 17      mg/kg     | 1.32         | 18.862      mg/kg  | 0.00189 %   | ✓                    |            |                |
|    |                                                                                     | 033-003-00-0                                                                                                                                                                                                                                                               | 215-481-4 | 1327-53-3  |          |                   |              |                    |             |                      |            |                |
| 2  |  | beryllium { beryllium oxide }                                                                                                                                                                                                                                              |           |            |          | 0.8      mg/kg    | 2.775        | 1.866      mg/kg   | 0.000187 %  | ✓                    |            |                |
|    |                                                                                     | 004-003-00-8                                                                                                                                                                                                                                                               | 215-133-1 | 1304-56-9  |          |                   |              |                    |             |                      |            |                |
| 3  |  | boron { diboron trioxide }                                                                                                                                                                                                                                                 |           |            |          | 1.1      mg/kg    | 3.22         | 2.976      mg/kg   | 0.000298 %  | ✓                    |            |                |
|    |                                                                                     | 005-008-00-8                                                                                                                                                                                                                                                               | 215-125-8 | 1303-86-2  |          |                   |              |                    |             |                      |            |                |
| 4  |  | cadmium { cadmium oxide }                                                                                                                                                                                                                                                  |           |            |          | 0.4      mg/kg    | 1.142        | 0.384      mg/kg   | 0.0000384 % | ✓                    |            |                |
|    |                                                                                     | 048-002-00-0                                                                                                                                                                                                                                                               | 215-146-2 | 1306-19-0  |          |                   |              |                    |             |                      |            |                |
| 5  |  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                                                                                                                   |           |            |          | <1      mg/kg     | 2.27         | <2.27      mg/kg   | <0.000227 % |                      | <LOD       |                |
|    |                                                                                     | 024-017-00-8                                                                                                                                                                                                                                                               |           |            |          |                   |              |                    |             |                      |            |                |
| 6  |  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                                                                                                                |           |            |          | 63      mg/kg     | 1.126        | 59.606      mg/kg  | 0.00596 %   | ✓                    |            |                |
|    |                                                                                     | 029-002-00-X                                                                                                                                                                                                                                                               | 215-270-7 | 1317-39-1  |          |                   |              |                    |             |                      |            |                |
| 7  |  | lead { lead chromate }                                                                                                                                                                                                                                                     |           |            | 1        | 140      mg/kg    | 1.56         | 183.508      mg/kg | 0.0118 %    | ✓                    |            |                |
|    |                                                                                     | 082-004-00-2                                                                                                                                                                                                                                                               | 231-846-0 | 7758-97-6  |          |                   |              |                    |             |                      |            |                |
| 8  |  | mercury { mercury dichloride }                                                                                                                                                                                                                                             |           |            |          | 0.1      mg/kg    | 1.353        | 0.114      mg/kg   | 0.0000114 % | ✓                    |            |                |
|    |                                                                                     | 080-010-00-X                                                                                                                                                                                                                                                               | 231-299-8 | 7487-94-7  |          |                   |              |                    |             |                      |            |                |
| 9  |  | nickel { nickel chromate }                                                                                                                                                                                                                                                 |           |            |          | 20      mg/kg     | 2.976        | 50.021      mg/kg  | 0.005 %     | ✓                    |            |                |
|    |                                                                                     | 028-035-00-7                                                                                                                                                                                                                                                               | 238-766-5 | 14721-18-7 |          |                   |              |                    |             |                      |            |                |
| 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 chromate }                                                                                                                                                                                                                                                     |           |            |          | 130      mg/kg    | 2.774        | 303.058      mg/kg | 0.0303 %    | ✓                    |            |                |
|    |                                                                                     | 024-007-00-3                                                                                                                                                                                                                                                               | 236-878-9 | 13530-65-9 |          |                   |              |                    |             |                      |            |                |
| 12 |  | TPH (C6 to C40) petroleum group                                                                                                                                                                                                                                            |           |            |          | 200      mg/kg    |              | 168.067      mg/kg | 0.0168 %    | ✓                    |            |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | TPH        |          |                   |              |                    |             |                      |            |                |
| 13 |  | 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 } |           |            |          | 0.4      mg/kg    | 1.884        | 0.633      mg/kg   | 0.0000633 % | ✓                    |            |                |
|    |                                                                                     | 006-007-00-5                                                                                                                                                                                                                                                               |           |            |          |                   |              |                    |             |                      |            |                |
| 14 |  | pH                                                                                                                                                                                                                                                                         |           |            |          | 7.6      pH       |              | 7.6      pH        | 7.6 pH      |                      |            |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | PH         |          |                   |              |                    |             |                      |            |                |
| 15 |                                                                                     | naphthalene                                                                                                                                                                                                                                                                |           |            |          | 0.54      mg/kg   |              | 0.454      mg/kg   | 0.0000454 % | ✓                    |            |                |
|    |                                                                                     | 601-052-00-2                                                                                                                                                                                                                                                               | 202-049-5 | 91-20-3    |          |                   |              |                    |             |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | 0.05 mg/kg        |              | 0.042 mg/kg    | 0.0000042 %          | ✓          |                |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | 2 mg/kg           |              | 1.681 mg/kg    | 0.000168 %           | ✓          |                |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | 1.1 mg/kg         |              | 0.924 mg/kg    | 0.0000924 %          | ✓          |                |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 4.9 mg/kg         |              | 4.118 mg/kg    | 0.000412 %           | ✓          |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.81 mg/kg        |              | 0.681 mg/kg    | 0.0000681 %          | ✓          |                |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 5.4 mg/kg         |              | 4.538 mg/kg    | 0.000454 %           | ✓          |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 5.1 mg/kg         |              | 4.286 mg/kg    | 0.000429 %           | ✓          |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 1.4 mg/kg         |              | 1.176 mg/kg    | 0.000118 %           | ✓          |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 1.7 mg/kg         |              | 1.429 mg/kg    | 0.000143 %           | ✓          |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 1.6 mg/kg         |              | 1.345 mg/kg    | 0.000134 %           | ✓          |                |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.59 mg/kg        |              | 0.496 mg/kg    | 0.0000496 %          | ✓          |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 1.2 mg/kg         |              | 1.008 mg/kg    | 0.000101 %           | ✓          |                |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.33 mg/kg        |              | 0.277 mg/kg    | 0.0000277 %          | ✓          |                |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.11 mg/kg        |              | 0.0924 mg/kg   | 0.00000924 %         | ✓          |                |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.43 mg/kg        |              | 0.361 mg/kg    | 0.0000361 %          | ✓          |                |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | 0.4 mg/kg         |              | 0.336 mg/kg    | 0.0000336 %          | ✓          |                |
| Total: |                                    |              |            |          |                   |              |                | 0.075 %              |            |                |

#### 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 Given the nature of the materials (soils) it is not considered to be appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0168%)

## Classification of sample: TP107 (3.3)

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

## Sample details

|                         |           |                                                                                           |
|-------------------------|-----------|-------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code: |                                                                                           |
| <b>TP107 (3.3)</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>3.3 m</b>            |           |                                                                                           |
| Moisture content:       |           |                                                                                           |
| <b>21%</b>              |           |                                                                                           |
| (dry 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.: 0.43%)

**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.: 0.43%)

## 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 determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.43%)

## Determinands

Moisture content: 21% Dry Weight Moisture Correction applied (MC)

| # | Determinand                                                                                                       |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|---|-------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|-------|----------------------|------------|----------------|
|   | EU CLP index number                                                                                               | EC Number | CAS Number |          |                   |              |                |       |                      |            |                |
| 1 |  arsenic { arsenic trioxide }  |           |            |          | 26 mg/kg          | 1.32         | 28.371         | mg/kg | 0.00284 %            | ✓          |                |
|   | 033-003-00-0                                                                                                      | 215-481-4 | 1327-53-3  |          |                   |              |                |       |                      |            |                |
| 2 |  beryllium { beryllium oxide } |           |            |          | 1.5 mg/kg         | 2.775        | 3.441          | mg/kg | 0.000344 %           | ✓          |                |
|   | 004-003-00-8                                                                                                      | 215-133-1 | 1304-56-9  |          |                   |              |                |       |                      |            |                |
| 3 |  boron { diboron trioxide }    |           |            |          | 1.3 mg/kg         | 3.22         | 3.459          | mg/kg | 0.000346 %           | ✓          |                |
|   | 005-008-00-8                                                                                                      | 215-125-8 | 1303-86-2  |          |                   |              |                |       |                      |            |                |

| #  |                                                                                                                                                                                                                                                                                                                                                                | Determinand         |                                                                  |                                                              | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------|--------------------------------------------------------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    |                                                                                                                                                                                                                                                                                                                                                                | EU CLP index number | EC Number                                                        | CAS Number                                                   |          |                   |       |              |                |       |                      |            |                |
| 4  |  cadmium { <b>cadmium oxide</b> }                                                                                                                                                                                                                                             | 048-002-00-0        | 215-146-2                                                        | 1306-19-0                                                    |          | 0.9               | mg/kg | 1.142        | 0.85           | mg/kg | 0.000085 %           | ✓          |                |
| 5  |  chromium in chromium(VI) compounds { <b>chromium (VI) compounds</b> , with the exception of barium chromate and of compounds specified elsewhere in this Annex }                                                                                                             | 024-017-00-8        |                                                                  |                                                              |          | <1                | mg/kg | 2.27         | <2.27          | mg/kg | <0.000227 %          |            | <LOD           |
| 6  |  copper { <b>dicopper oxide; copper (I) oxide</b> }                                                                                                                                                                                                                           | 029-002-00-X        | 215-270-7                                                        | 1317-39-1                                                    |          | 140               | mg/kg | 1.126        | 130.268        | mg/kg | 0.013 %              | ✓          |                |
| 7  |  lead { <b>lead chromate</b> }                                                                                                                                                                                                                                                | 082-004-00-2        | 231-846-0                                                        | 7758-97-6                                                    | 1        | 850               | mg/kg | 1.56         | 1095.738       | mg/kg | 0.0702 %             | ✓          |                |
| 8  |  mercury { <b>mercury dichloride</b> }                                                                                                                                                                                                                                        | 080-010-00-X        | 231-299-8                                                        | 7487-94-7                                                    |          | 0.24              | mg/kg | 1.353        | 0.268          | mg/kg | 0.0000268 %          | ✓          |                |
| 9  |  nickel { <b>nickel chromate</b> }                                                                                                                                                                                                                                            | 028-035-00-7        | 238-766-5                                                        | 14721-18-7                                                   |          | 35                | mg/kg | 2.976        | 86.09          | mg/kg | 0.00861 %            | ✓          |                |
| 10 |  selenium { <b>nickel selenate</b> }                                                                                                                                                                                                                                          | 028-031-00-5        | 239-125-2                                                        | 15060-62-5                                                   |          | <0.5              | mg/kg | 2.554        | <1.277         | mg/kg | <0.000128 %          |            | <LOD           |
| 11 |  zinc { <b>zinc chromate</b> }                                                                                                                                                                                                                                                | 024-007-00-3        | 236-878-9                                                        | 13530-65-9                                                   |          | 260               | mg/kg | 2.774        | 596.098        | mg/kg | 0.0596 %             | ✓          |                |
| 12 |  TPH (C6 to C40) petroleum group                                                                                                                                                                                                                                              |                     |                                                                  | TPH                                                          |          | 5200              | mg/kg |              | 4297.521       | mg/kg | 0.43 %               | ✓          |                |
| 13 |  benzene                                                                                                                                                                                                                                                                     | 601-020-00-8        | 200-753-7                                                        | 71-43-2                                                      |          | <0.01             | mg/kg |              | <0.01          | mg/kg | <0.000001 %          |            | <LOD           |
| 14 |  toluene                                                                                                                                                                                                                                                                    | 601-021-00-3        | 203-625-9                                                        | 108-88-3                                                     |          | <0.01             | mg/kg |              | <0.01          | mg/kg | <0.000001 %          |            | <LOD           |
| 15 |  ethylbenzene                                                                                                                                                                                                                                                               | 601-023-00-4        | 202-849-4                                                        | 100-41-4                                                     |          | <0.01             | mg/kg |              | <0.01          | mg/kg | <0.000001 %          |            | <LOD           |
| 16 |  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] |          | <0.01             | mg/kg |              | <0.01          | mg/kg | <0.000001 %          |            | <LOD           |
| 17 |  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        |                                                                  |                                                              |          | 1.4               | mg/kg | 1.884        | 2.18           | mg/kg | 0.000218 %           | ✓          |                |
| 18 |  pH                                                                                                                                                                                                                                                                         |                     |                                                                  | PH                                                           |          | 8.1               | pH    |              | 8.1            | pH    | 8.1 pH               |            |                |
| 19 |  naphthalene                                                                                                                                                                                                                                                                | 601-052-00-2        | 202-049-5                                                        | 91-20-3                                                      |          | 2.4               | mg/kg |              | 1.983          | mg/kg | 0.000198 %           | ✓          |                |
| 20 |  acenaphthylene                                                                                                                                                                                                                                                             |                     | 205-917-1                                                        | 208-96-8                                                     |          | 0.1               | mg/kg |              | 0.0826         | mg/kg | 0.00000826 %         | ✓          |                |
| 21 |  acenaphthene                                                                                                                                                                                                                                                               |                     | 201-469-6                                                        | 83-32-9                                                      |          | 6                 | mg/kg |              | 4.959          | mg/kg | 0.000496 %           | ✓          |                |
| 22 |  fluorene                                                                                                                                                                                                                                                                   |                     | 201-695-5                                                        | 86-73-7                                                      |          | 3.9               | mg/kg |              | 3.223          | mg/kg | 0.000322 %           | ✓          |                |
| 23 |  phenanthrene                                                                                                                                                                                                                                                               |                     | 201-581-5                                                        | 85-01-8                                                      |          | 19                | mg/kg |              | 15.702         | mg/kg | 0.00157 %            | ✓          |                |
| 24 |  anthracene                                                                                                                                                                                                                                                                 |                     | 204-371-1                                                        | 120-12-7                                                     |          | 5.2               | mg/kg |              | 4.298          | mg/kg | 0.00043 %            | ✓          |                |
| 25 |  fluoranthene                                                                                                                                                                                                                                                               |                     | 205-912-4                                                        | 206-44-0                                                     |          | 24                | mg/kg |              | 19.835         | mg/kg | 0.00198 %            | ✓          |                |
| 26 |  pyrene                                                                                                                                                                                                                                                                     |                     | 204-927-3                                                        | 129-00-0                                                     |          | 22                | mg/kg |              | 18.182         | mg/kg | 0.00182 %            | ✓          |                |
| 27 |  benzo[a]anthracene                                                                                                                                                                                                                                                         | 601-033-00-9        | 200-280-6                                                        | 56-55-3                                                      |          | 10                | mg/kg |              | 8.264          | mg/kg | 0.000826 %           | ✓          |                |
| 28 |  chrysene                                                                                                                                                                                                                                                                   | 601-048-00-0        | 205-923-4                                                        | 218-01-9                                                     |          | 7.3               | mg/kg |              | 6.033          | mg/kg | 0.000603 %           | ✓          |                |
| 29 |  benzo[b]fluoranthene                                                                                                                                                                                                                                                       | 601-034-00-4        | 205-911-9                                                        | 205-99-2                                                     |          | 7.7               | mg/kg |              | 6.364          | mg/kg | 0.000636 %           | ✓          |                |

| #      | 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 |          |                   |              |                |                      |            |                |
| 30     | benzo[k]fluoranthene               |           |            |          | 2.5 mg/kg         |              | 2.066 mg/kg    | 0.000207 %           | ✓          |                |
|        | 601-036-00-5                       | 205-916-6 | 207-08-9   |          |                   |              |                |                      |            |                |
| 31     | benzo[a]pyrene; benzo[def]chrysene |           |            |          | 6.4 mg/kg         |              | 5.289 mg/kg    | 0.000529 %           | ✓          |                |
|        | 601-032-00-3                       | 200-028-5 | 50-32-8    |          |                   |              |                |                      |            |                |
| 32     | indeno[123-cd]pyrene               |           |            |          | 1.9 mg/kg         |              | 1.57 mg/kg     | 0.000157 %           | ✓          |                |
|        |                                    | 205-893-2 | 193-39-5   |          |                   |              |                |                      |            |                |
| 33     | dibenz[a,h]anthracene              |           |            |          | 0.6 mg/kg         |              | 0.496 mg/kg    | 0.0000496 %          | ✓          |                |
|        | 601-041-00-2                       | 200-181-8 | 53-70-3    |          |                   |              |                |                      |            |                |
| 34     | benzo[ghi]perylene                 |           |            |          | 2.5 mg/kg         |              | 2.066 mg/kg    | 0.000207 %           | ✓          |                |
|        |                                    | 205-883-8 | 191-24-2   |          |                   |              |                |                      |            |                |
| 35     | phenol                             |           |            |          | 0.6 mg/kg         |              | 0.496 mg/kg    | 0.0000496 %          | ✓          |                |
|        | 604-001-00-2                       | 203-632-7 | 108-95-2   |          |                   |              |                |                      |            |                |
| Total: |                                    |           |            |          |                   |              |                | 0.596 %              |            |                |

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                                                                   |

## Classification of sample: TP108 (0.2)

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

## Sample details

|                         |                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                          |
| <b>TP108 (0.2)</b>      | Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| Sample Depth:           | Entry: 17 05 03 * (Soil and stones containing hazardous substances)                                |
| <b>0.2 m</b>            |                                                                                                    |
| Moisture content:       |                                                                                                    |
| <b>28%</b>              |                                                                                                    |
| (dry 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.: 0.297%)

**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.: 0.297%)

## 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 determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.297%)

## Determinands

Moisture content: 28% Dry Weight Moisture Correction applied (MC)

| # | Determinand                                                                                                       |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. |  | Classification value | MC Applied | Conc. Not Used |
|---|-------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|--|----------------------|------------|----------------|
|   | EU CLP index number                                                                                               | EC Number | CAS Number |          |                   |              |                |  |                      |            |                |
| 1 |  arsenic { arsenic trioxide }  |           |            |          | 27 mg/kg          | 1.32         | 27.851 mg/kg   |  | 0.00279 %            | ✓          |                |
|   | 033-003-00-0                                                                                                      | 215-481-4 | 1327-53-3  |          |                   |              |                |  |                      |            |                |
| 2 |  beryllium { beryllium oxide } |           |            |          | 2.9 mg/kg         | 2.775        | 6.288 mg/kg    |  | 0.000629 %           | ✓          |                |
|   | 004-003-00-8                                                                                                      | 215-133-1 | 1304-56-9  |          |                   |              |                |  |                      |            |                |
| 3 |  boron { diboron trioxide }    |           |            |          | 0.4 mg/kg         | 3.22         | 1.006 mg/kg    |  | 0.000101 %           | ✓          |                |
|   | 005-008-00-8                                                                                                      | 215-125-8 | 1303-86-2  |          |                   |              |                |  |                      |            |                |

| #  |                                                                                                                                                                                                                                                                                                                                                                | Determinand         |           |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    |                                                                                                                                                                                                                                                                                                                                                                | EU CLP index number | EC Number | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 4  |  cadmium { <b>cadmium oxide</b> }                                                                                                                                                                                                                                             | 048-002-00-0        | 215-146-2 | 1306-19-0  |          | 0.6               | mg/kg | 1.142        | 0.535          | mg/kg | 0.0000535 %          | ✓          |                |
| 5  |  chromium in chromium(VI) compounds { <b>chromium (VI) compounds</b> , with the exception of barium chromate and of compounds specified elsewhere in this Annex }                                                                                                             | 024-017-00-8        |           |            |          | <1                | mg/kg | 2.27         | <2.27          | mg/kg | <0.000227 %          |            | <LOD           |
| 6  |  copper { <b>dicopper oxide; copper (I) oxide</b> }                                                                                                                                                                                                                           | 029-002-00-X        | 215-270-7 | 1317-39-1  | 1        | 130               | mg/kg | 1.126        | 114.348        | mg/kg | 0.0114 %             | ✓          |                |
| 7  |  lead { <b>lead chromate</b> }                                                                                                                                                                                                                                                | 082-004-00-2        | 231-846-0 | 7758-97-6  |          | 89                | mg/kg | 1.56         | 108.456        | mg/kg | 0.00695 %            | ✓          |                |
| 8  |  mercury { <b>mercury dichloride</b> }                                                                                                                                                                                                                                        | 080-010-00-X        | 231-299-8 | 7487-94-7  |          | 0.22              | mg/kg | 1.353        | 0.233          | mg/kg | 0.0000233 %          | ✓          |                |
| 9  |  nickel { <b>nickel chromate</b> }                                                                                                                                                                                                                                            | 028-035-00-7        | 238-766-5 | 14721-18-7 |          | 42                | mg/kg | 2.976        | 97.659         | mg/kg | 0.00977 %            | ✓          |                |
| 10 |  selenium { <b>nickel selenate</b> }                                                                                                                                                                                                                                          | 028-031-00-5        | 239-125-2 | 15060-62-5 |          | <0.5              | mg/kg | 2.554        | <1.277         | mg/kg | <0.000128 %          |            | <LOD           |
| 11 |  zinc { <b>zinc chromate</b> }                                                                                                                                                                                                                                                | 024-007-00-3        | 236-878-9 | 13530-65-9 |          | 140               | mg/kg | 2.774        | 303.422        | mg/kg | 0.0303 %             | ✓          |                |
| 12 |  TPH (C6 to C40) petroleum group                                                                                                                                                                                                                                              |                     |           | TPH        |          | 3800              | mg/kg |              | 2968.75        | mg/kg | 0.297 %              | ✓          |                |
| 13 |  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        |           |            |          | 0.4               | mg/kg | 1.884        | 0.589          | mg/kg | 0.0000589 %          | ✓          |                |
| 14 |  pH                                                                                                                                                                                                                                                                         |                     |           | PH         |          | 7                 | pH    |              | 7              | pH    | 7pH                  |            |                |
| 15 | naphthalene                                                                                                                                                                                                                                                                                                                                                    | 601-052-00-2        | 202-049-5 | 91-20-3    |          | 0.42              | mg/kg |              | 0.328          | mg/kg | 0.0000328 %          | ✓          |                |
| 16 |  acenaphthylene                                                                                                                                                                                                                                                             |                     | 205-917-1 | 208-96-8   |          | 0.06              | mg/kg |              | 0.0469         | mg/kg | 0.00000469 %         | ✓          |                |
| 17 |  acenaphthene                                                                                                                                                                                                                                                               |                     | 201-469-6 | 83-32-9    |          | 3.4               | mg/kg |              | 2.656          | mg/kg | 0.000266 %           | ✓          |                |
| 18 |  fluorene                                                                                                                                                                                                                                                                   |                     | 201-695-5 | 86-73-7    |          | 2.7               | mg/kg |              | 2.109          | mg/kg | 0.000211 %           | ✓          |                |
| 19 |  phenanthrene                                                                                                                                                                                                                                                               |                     | 201-581-5 | 85-01-8    |          | 13                | mg/kg |              | 10.156         | mg/kg | 0.00102 %            | ✓          |                |
| 20 |  anthracene                                                                                                                                                                                                                                                                 |                     | 204-371-1 | 120-12-7   |          | 3.8               | mg/kg |              | 2.969          | mg/kg | 0.000297 %           | ✓          |                |
| 21 |  fluoranthene                                                                                                                                                                                                                                                               |                     | 205-912-4 | 206-44-0   |          | 24                | mg/kg |              | 18.75          | mg/kg | 0.00188 %            | ✓          |                |
| 22 |  pyrene                                                                                                                                                                                                                                                                     |                     | 204-927-3 | 129-00-0   |          | 24                | mg/kg |              | 18.75          | mg/kg | 0.00188 %            | ✓          |                |
| 23 | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                             | 601-033-00-9        | 200-280-6 | 56-55-3    |          | 10                | mg/kg |              | 7.813          | mg/kg | 0.000781 %           | ✓          |                |
| 24 | chrysene                                                                                                                                                                                                                                                                                                                                                       | 601-048-00-0        | 205-923-4 | 218-01-9   |          | 9.2               | mg/kg |              | 7.187          | mg/kg | 0.000719 %           | ✓          |                |
| 25 | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                           | 601-034-00-4        | 205-911-9 | 205-99-2   |          | 10                | mg/kg |              | 7.813          | mg/kg | 0.000781 %           | ✓          |                |
| 26 | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                           | 601-036-00-5        | 205-916-6 | 207-08-9   |          | 3.1               | mg/kg |              | 2.422          | mg/kg | 0.000242 %           | ✓          |                |
| 27 | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                             | 601-032-00-3        | 200-028-5 | 50-32-8    |          | 7.9               | mg/kg |              | 6.172          | mg/kg | 0.000617 %           | ✓          |                |
| 28 |  indeno[123-cd]pyrene                                                                                                                                                                                                                                                       |                     | 205-893-2 | 193-39-5   |          | 2.8               | mg/kg |              | 2.188          | mg/kg | 0.000219 %           | ✓          |                |
| 29 | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                          | 601-041-00-2        | 200-181-8 | 53-70-3    |          | 1                 | mg/kg |              | 0.781          | mg/kg | 0.0000781 %          | ✓          |                |
| 30 |  benzo[ghi]perylene                                                                                                                                                                                                                                                         |                     | 205-883-8 | 191-24-2   |          | 3.4               | mg/kg |              | 2.656          | mg/kg | 0.000266 %           | ✓          |                |

| #      | Determinand         |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|--------|---------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|        | EU CLP index number | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 31     | phenol              |           |            |          |                   |              |                |                      |            |                |
|        | 604-001-00-2        | 203-632-7 | 108-95-2   |          | 1.3 mg/kg         |              | 1.016 mg/kg    | 0.000102 %           | ✓          |                |
| Total: |                     |           |            |          |                   |              |                | 0.369 %              |            |                |

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                                                                   |

## Classification of sample: TP108 (0.8)

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

## Sample details

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                 |
| <b>TP108 (0.8)</b>      | Chapter:                                                                                  |
| Sample Depth:           | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.8 m</b>            | Entry:                                                                                    |
| Moisture content:       | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>9.7%</b>             |                                                                                           |
| (dry weight correction) |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 9.7% Dry Weight Moisture Correction applied (MC)

| #  |                                                                                     | Determinand                                                                                                                                                                                                                                                                |            |            | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|    |                                                                                     | EU CLP index number                                                                                                                                                                                                                                                        | EC Number  | CAS Number |          |                   |       |              |                |       |                      |            |                |
| 1  |  | arsenic { arsenic trioxide }                                                                                                                                                                                                                                               |            |            |          | 5.7               | mg/kg | 1.32         | 6.86           | mg/kg | 0.000686 %           | ✓          |                |
|    | 033-003-00-0                                                                        | 215-481-4                                                                                                                                                                                                                                                                  | 1327-53-3  |            |          |                   |       |              |                |       |                      |            |                |
| 2  |  | beryllium { beryllium oxide }                                                                                                                                                                                                                                              |            |            |          | 0.5               | mg/kg | 2.775        | 1.265          | mg/kg | 0.000126 %           | ✓          |                |
|    | 004-003-00-8                                                                        | 215-133-1                                                                                                                                                                                                                                                                  | 1304-56-9  |            |          |                   |       |              |                |       |                      |            |                |
| 3  |  | boron { diboron trioxide }                                                                                                                                                                                                                                                 |            |            |          | <0.2              | mg/kg | 3.22         | <0.644         | mg/kg | <0.0000644 %         |            | <LOD           |
|    | 005-008-00-8                                                                        | 215-125-8                                                                                                                                                                                                                                                                  | 1303-86-2  |            |          |                   |       |              |                |       |                      |            |                |
| 4  |  | cadmium { cadmium oxide }                                                                                                                                                                                                                                                  |            |            |          | 0.3               | mg/kg | 1.142        | 0.312          | mg/kg | 0.0000312 %          | ✓          |                |
|    | 048-002-00-0                                                                        | 215-146-2                                                                                                                                                                                                                                                                  | 1306-19-0  |            |          |                   |       |              |                |       |                      |            |                |
| 5  |  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                                                                                                                   |            |            |          | <1                | mg/kg | 2.27         | <2.27          | mg/kg | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                        |                                                                                                                                                                                                                                                                            |            |            |          |                   |       |              |                |       |                      |            |                |
| 6  |  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                                                                                                                |            |            |          | 21                | mg/kg | 1.126        | 21.553         | mg/kg | 0.00216 %            | ✓          |                |
|    | 029-002-00-X                                                                        | 215-270-7                                                                                                                                                                                                                                                                  | 1317-39-1  |            |          |                   |       |              |                |       |                      |            |                |
| 7  |  | lead { lead chromate }                                                                                                                                                                                                                                                     |            |            | 1        | 12                | mg/kg | 1.56         | 17.063         | mg/kg | 0.00109 %            | ✓          |                |
|    |                                                                                     | 082-004-00-2                                                                                                                                                                                                                                                               | 231-846-0  | 7758-97-6  |          |                   |       |              |                |       |                      |            |                |
| 8  |  | mercury { mercury dichloride }                                                                                                                                                                                                                                             |            |            |          | 0.05              | mg/kg | 1.353        | 0.0617         | mg/kg | 0.00000617 %         | ✓          |                |
|    | 080-010-00-X                                                                        | 231-299-8                                                                                                                                                                                                                                                                  | 7487-94-7  |            |          |                   |       |              |                |       |                      |            |                |
| 9  |  | nickel { nickel chromate }                                                                                                                                                                                                                                                 |            |            |          | 17                | mg/kg | 2.976        | 46.123         | mg/kg | 0.00461 %            | ✓          |                |
|    | 028-035-00-7                                                                        | 238-766-5                                                                                                                                                                                                                                                                  | 14721-18-7 |            |          |                   |       |              |                |       |                      |            |                |
| 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 chromate }                                                                                                                                                                                                                                                     |            |            |          | 51                | mg/kg | 2.774        | 128.971        | mg/kg | 0.0129 %             | ✓          |                |
|    | 024-007-00-3                                                                        | 236-878-9                                                                                                                                                                                                                                                                  | 13530-65-9 |            |          |                   |       |              |                |       |                      |            |                |
| 12 |  | TPH (C6 to C40) petroleum group                                                                                                                                                                                                                                            |            |            |          | <10               | mg/kg |              | <10            | mg/kg | <0.001 %             |            | <LOD           |
|    |                                                                                     |                                                                                                                                                                                                                                                                            | TPH        |            |          |                   |       |              |                |       |                      |            |                |
| 13 |  | 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 } |            |            |          | 0.2               | mg/kg | 1.884        | 0.343          | mg/kg | 0.0000343 %          | ✓          |                |
|    | 006-007-00-5                                                                        |                                                                                                                                                                                                                                                                            |            |            |          |                   |       |              |                |       |                      |            |                |
| 14 |  | pH                                                                                                                                                                                                                                                                         |            |            |          | 7.2               | pH    |              | 7.2            | pH    | 7.2 pH               |            |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            | PH         |            |          |                   |       |              |                |       |                      |            |                |
| 15 |                                                                                     | naphthalene                                                                                                                                                                                                                                                                |            |            |          | 0.04              | mg/kg |              | 0.0365         | mg/kg | 0.00000365 %         | ✓          |                |
|    | 601-052-00-2                                                                        | 202-049-5                                                                                                                                                                                                                                                                  | 91-20-3    |            |          |                   |       |              |                |       |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.03 mg/kg        |              | 0.0273 mg/kg   | 0.00000273 %         | ✓          |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.06 mg/kg        |              | 0.0547 mg/kg   | 0.00000547 %         | ✓          |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.08 mg/kg        |              | 0.0729 mg/kg   | 0.00000729 %         | ✓          |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.04 mg/kg        |              | 0.0365 mg/kg   | 0.00000365 %         | ✓          |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | 0.4 mg/kg         |              | 0.365 mg/kg    | 0.0000365 %          | ✓          |                |
| Total: |                                    |              |            |          |                   |              |                | 0.0232 %             |            |                |

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)                                                               |
| CLP: Note 1 | 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: TP109 (1)

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

## Sample details

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                 |
| <b>TP109 (1)</b>        | Chapter:                                                                                  |
| Sample Depth:           | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>1 m</b>              | Entry:                                                                                    |
| Moisture content:       | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>19%</b>              |                                                                                           |
| (dry weight correction) |                                                                                           |

## Hazard properties

None identified

## Determinands

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

| #  |  | Determinand                                                                                                                                                                             |           |            | CLP Note | User entered data | Conv. Factor | Compound conc.     |              | Classification value | MC Applied | Conc. Not Used |
|----|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|--------------------|--------------|----------------------|------------|----------------|
|    |  | EU CLP index number                                                                                                                                                                     | EC Number | CAS Number |          |                   |              |                    |              |                      |            |                |
| 1  |  | arsenic { arsenic trioxide }                                                                                                                                                            |           |            |          | 15      mg/kg     | 1.32         | 16.643      mg/kg  | 0.00166 %    | ✓                    |            |                |
|    |  | 033-003-00-0                                                                                                                                                                            | 215-481-4 | 1327-53-3  |          |                   |              |                    |              |                      |            |                |
| 2  |  | beryllium { beryllium oxide }                                                                                                                                                           |           |            |          | 0.7      mg/kg    | 2.775        | 1.633      mg/kg   | 0.000163 %   | ✓                    |            |                |
|    |  | 004-003-00-8                                                                                                                                                                            | 215-133-1 | 1304-56-9  |          |                   |              |                    |              |                      |            |                |
| 3  |  | boron { diboron trioxide }                                                                                                                                                              |           |            |          | 0.3      mg/kg    | 3.22         | 0.812      mg/kg   | 0.0000812 %  | ✓                    |            |                |
|    |  | 005-008-00-8                                                                                                                                                                            | 215-125-8 | 1303-86-2  |          |                   |              |                    |              |                      |            |                |
| 4  |  | cadmium { cadmium oxide }                                                                                                                                                               |           |            |          | 0.5      mg/kg    | 1.142        | 0.48      mg/kg    | 0.000048 %   | ✓                    |            |                |
|    |  | 048-002-00-0                                                                                                                                                                            | 215-146-2 | 1306-19-0  |          |                   |              |                    |              |                      |            |                |
| 5  |  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                                |           |            |          | <1      mg/kg     | 2.27         | <2.27      mg/kg   | <0.000227 %  |                      | <LOD       |                |
|    |  | 024-017-00-8                                                                                                                                                                            |           |            |          |                   |              |                    |              |                      |            |                |
| 6  |  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                             |           |            |          | 48      mg/kg     | 1.126        | 45.414      mg/kg  | 0.00454 %    | ✓                    |            |                |
|    |  | 029-002-00-X                                                                                                                                                                            | 215-270-7 | 1317-39-1  |          |                   |              |                    |              |                      |            |                |
| 7  |  | lead { lead chromate }                                                                                                                                                                  |           |            | 1        | 74      mg/kg     | 1.56         | 96.997      mg/kg  | 0.00622 %    | ✓                    |            |                |
|    |  | 082-004-00-2                                                                                                                                                                            | 231-846-0 | 7758-97-6  |          |                   |              |                    |              |                      |            |                |
| 8  |  | mercury { mercury dichloride }                                                                                                                                                          |           |            |          | 0.11      mg/kg   | 1.353        | 0.125      mg/kg   | 0.0000125 %  | ✓                    |            |                |
|    |  | 080-010-00-X                                                                                                                                                                            | 231-299-8 | 7487-94-7  |          |                   |              |                    |              |                      |            |                |
| 9  |  | nickel { nickel chromate }                                                                                                                                                              |           |            |          | 20      mg/kg     | 2.976        | 50.021      mg/kg  | 0.005 %      | ✓                    |            |                |
|    |  | 028-035-00-7                                                                                                                                                                            | 238-766-5 | 14721-18-7 |          |                   |              |                    |              |                      |            |                |
| 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 chromate }                                                                                                                                                                  |           |            |          | 98      mg/kg     | 2.774        | 228.459      mg/kg | 0.0228 %     | ✓                    |            |                |
|    |  | 024-007-00-3                                                                                                                                                                            | 236-878-9 | 13530-65-9 |          |                   |              |                    |              |                      |            |                |
| 12 |  | TPH (C6 to C40) petroleum group                                                                                                                                                         |           |            |          | 110      mg/kg    |              | 92.437      mg/kg  | 0.00924 %    | ✓                    |            |                |
|    |  |                                                                                                                                                                                         |           | TPH        |          |                   |              |                    |              |                      |            |                |
| 13 |  | 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 } |           |            |          | 0.3      mg/kg    | 1.884        | 0.475      mg/kg   | 0.0000475 %  | ✓                    |            |                |
|    |  | 006-007-00-5                                                                                                                                                                            |           |            |          |                   |              |                    |              |                      |            |                |
| 14 |  | pH                                                                                                                                                                                      |           |            |          | 7.4      pH       |              | 7.4      pH        | 7.4 pH       |                      |            |                |
|    |  |                                                                                                                                                                                         |           | PH         |          |                   |              |                    |              |                      |            |                |
| 15 |  | naphthalene                                                                                                                                                                             |           |            |          | 0.03      mg/kg   |              | 0.0252      mg/kg  | 0.00000252 % | ✓                    |            |                |
|    |  | 601-052-00-2                                                                                                                                                                            | 202-049-5 | 91-20-3    |          |                   |              |                    |              |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | 0.08 mg/kg        |              | 0.0672 mg/kg   | 0.00000672 %         | ✓          |                |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.47 mg/kg        |              | 0.395 mg/kg    | 0.0000395 %          | ✓          |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.11 mg/kg        |              | 0.0924 mg/kg   | 0.00000924 %         | ✓          |                |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.7 mg/kg         |              | 0.588 mg/kg    | 0.0000588 %          | ✓          |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.63 mg/kg        |              | 0.529 mg/kg    | 0.0000529 %          | ✓          |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.19 mg/kg        |              | 0.16 mg/kg     | 0.000016 %           | ✓          |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.23 mg/kg        |              | 0.193 mg/kg    | 0.0000193 %          | ✓          |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.22 mg/kg        |              | 0.185 mg/kg    | 0.0000185 %          | ✓          |                |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.09 mg/kg        |              | 0.0756 mg/kg   | 0.00000756 %         | ✓          |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.19 mg/kg        |              | 0.16 mg/kg     | 0.000016 %           | ✓          |                |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.08 mg/kg        |              | 0.0672 mg/kg   | 0.00000672 %         | ✓          |                |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.09 mg/kg        |              | 0.0756 mg/kg   | 0.00000756 %         | ✓          |                |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | 0.5 mg/kg         |              | 0.42 mg/kg     | 0.000042 %           | ✓          |                |
| Total: |                                    |              |            |          |                   |              |                | 0.0505 %             |            |                |

#### 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 Given the nature of the materials (soils) it is not considered to be appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00924%)

## Classification of sample: TP110 (0.2)

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

## Sample details

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                 |
| <b>TP110 (0.2)</b>      | Chapter:                                                                                  |
| Sample Depth:           | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.2 m</b>            | Entry:                                                                                    |
| Moisture content:       | 17 05 03 * (Soil and stones containing hazardous substances)                              |
| <b>27%</b>              |                                                                                           |
| (dry 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.: 0.142%)

**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.: 0.142%)

## 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 determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.142%)

## Determinands

Moisture content: 27% Dry Weight Moisture Correction applied (MC)

| # | Determinand                                                                                                       |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|---|-------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|-------|----------------------|------------|----------------|
|   | EU CLP index number                                                                                               | EC Number | CAS Number |          |                   |              |                |       |                      |            |                |
| 1 |  arsenic { arsenic trioxide }  |           |            |          | 27 mg/kg          | 1.32         | 28.07          | mg/kg | 0.00281 %            | ✓          |                |
|   | 033-003-00-0                                                                                                      | 215-481-4 | 1327-53-3  |          |                   |              |                |       |                      |            |                |
| 2 |  beryllium { beryllium oxide } |           |            |          | 1.5 mg/kg         | 2.775        | 3.278          | mg/kg | 0.000328 %           | ✓          |                |
|   | 004-003-00-8                                                                                                      | 215-133-1 | 1304-56-9  |          |                   |              |                |       |                      |            |                |
| 3 |  boron { diboron trioxide }    |           |            |          | 1.2 mg/kg         | 3.22         | 3.042          | mg/kg | 0.000304 %           | ✓          |                |
|   | 005-008-00-8                                                                                                      | 215-125-8 | 1303-86-2  |          |                   |              |                |       |                      |            |                |

| #  |                                                                                                                                                                                                                                                                                                                                                                | Determinand         |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. |              | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------|------------|----------|-------------------|--------------|----------------|--------------|----------------------|------------|----------------|
|    |                                                                                                                                                                                                                                                                                                                                                                | EU CLP index number | EC Number | CAS Number |          |                   |              |                |              |                      |            |                |
| 4  |  cadmium { <b>cadmium oxide</b> }                                                                                                                                                                                                                                             | 048-002-00-0        | 215-146-2 | 1306-19-0  |          | 1 mg/kg           | 1.142        | 0.899 mg/kg    | 0.0000899 %  | ✓                    |            |                |
| 5  |  chromium in chromium(VI) compounds { <b>chromium (VI) compounds</b> , with the exception of barium chromate and of compounds specified elsewhere in this Annex }                                                                                                             | 024-017-00-8        |           |            |          | <1 mg/kg          | 2.27         | <2.27 mg/kg    | <0.000227 %  |                      | <LOD       |                |
| 6  |  copper { <b>dicopper oxide; copper (I) oxide</b> }                                                                                                                                                                                                                           | 029-002-00-X        | 215-270-7 | 1317-39-1  |          | 240 mg/kg         | 1.126        | 212.766 mg/kg  | 0.0213 %     | ✓                    |            |                |
| 7  |  lead { <b>lead chromate</b> }                                                                                                                                                                                                                                                | 082-004-00-2        | 231-846-0 | 7758-97-6  | 1        | 240 mg/kg         | 1.56         | 294.768 mg/kg  | 0.0189 %     | ✓                    |            |                |
| 8  |  mercury { <b>mercury dichloride</b> }                                                                                                                                                                                                                                        | 080-010-00-X        | 231-299-8 | 7487-94-7  |          | 0.13 mg/kg        | 1.353        | 0.139 mg/kg    | 0.0000139 %  | ✓                    |            |                |
| 9  |  nickel { <b>nickel chromate</b> }                                                                                                                                                                                                                                            | 028-035-00-7        | 238-766-5 | 14721-18-7 |          | 82 mg/kg          | 2.976        | 192.168 mg/kg  | 0.0192 %     | ✓                    |            |                |
| 10 |  selenium { <b>nickel selenate</b> }                                                                                                                                                                                                                                          | 028-031-00-5        | 239-125-2 | 15060-62-5 |          | <0.5 mg/kg        | 2.554        | <1.277 mg/kg   | <0.000128 %  |                      | <LOD       |                |
| 11 |  zinc { <b>zinc chromate</b> }                                                                                                                                                                                                                                                | 024-007-00-3        | 236-878-9 | 13530-65-9 |          | 260 mg/kg         | 2.774        | 567.936 mg/kg  | 0.0568 %     | ✓                    |            |                |
| 12 |  TPH (C6 to C40) petroleum group                                                                                                                                                                                                                                              |                     |           | TPH        |          | 1800 mg/kg        |              | 1417.323 mg/kg | 0.142 %      | ✓                    |            |                |
| 13 |  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        |           |            |          | 0.5 mg/kg         | 1.884        | 0.742 mg/kg    | 0.0000742 %  | ✓                    |            |                |
| 14 |  pH                                                                                                                                                                                                                                                                         |                     |           | PH         |          | 7.8 pH            |              | 7.8 pH         | 7.8 pH       |                      |            |                |
| 15 | naphthalene                                                                                                                                                                                                                                                                                                                                                    | 601-052-00-2        | 202-049-5 | 91-20-3    |          | 0.49 mg/kg        |              | 0.386 mg/kg    | 0.0000386 %  | ✓                    |            |                |
| 16 |  acenaphthylene                                                                                                                                                                                                                                                             |                     | 205-917-1 | 208-96-8   |          | 0.03 mg/kg        |              | 0.0236 mg/kg   | 0.00000236 % | ✓                    |            |                |
| 17 |  acenaphthene                                                                                                                                                                                                                                                               |                     | 201-469-6 | 83-32-9    |          | 1.8 mg/kg         |              | 1.417 mg/kg    | 0.000142 %   | ✓                    |            |                |
| 18 |  fluorene                                                                                                                                                                                                                                                                   |                     | 201-695-5 | 86-73-7    |          | 1.4 mg/kg         |              | 1.102 mg/kg    | 0.00011 %    | ✓                    |            |                |
| 19 |  phenanthrene                                                                                                                                                                                                                                                               |                     | 201-581-5 | 85-01-8    |          | 7.6 mg/kg         |              | 5.984 mg/kg    | 0.000598 %   | ✓                    |            |                |
| 20 |  anthracene                                                                                                                                                                                                                                                                 |                     | 204-371-1 | 120-12-7   |          | 1.8 mg/kg         |              | 1.417 mg/kg    | 0.000142 %   | ✓                    |            |                |
| 21 |  fluoranthene                                                                                                                                                                                                                                                               |                     | 205-912-4 | 206-44-0   |          | 14 mg/kg          |              | 11.024 mg/kg   | 0.0011 %     | ✓                    |            |                |
| 22 |  pyrene                                                                                                                                                                                                                                                                     |                     | 204-927-3 | 129-00-0   |          | 14 mg/kg          |              | 11.024 mg/kg   | 0.0011 %     | ✓                    |            |                |
| 23 | benzo[a]anthracene                                                                                                                                                                                                                                                                                                                                             | 601-033-00-9        | 200-280-6 | 56-55-3    |          | 5.4 mg/kg         |              | 4.252 mg/kg    | 0.000425 %   | ✓                    |            |                |
| 24 | chrysene                                                                                                                                                                                                                                                                                                                                                       | 601-048-00-0        | 205-923-4 | 218-01-9   |          | 5.7 mg/kg         |              | 4.488 mg/kg    | 0.000449 %   | ✓                    |            |                |
| 25 | benzo[b]fluoranthene                                                                                                                                                                                                                                                                                                                                           | 601-034-00-4        | 205-911-9 | 205-99-2   |          | 5.6 mg/kg         |              | 4.409 mg/kg    | 0.000441 %   | ✓                    |            |                |
| 26 | benzo[k]fluoranthene                                                                                                                                                                                                                                                                                                                                           | 601-036-00-5        | 205-916-6 | 207-08-9   |          | 2 mg/kg           |              | 1.575 mg/kg    | 0.000157 %   | ✓                    |            |                |
| 27 | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                                                                                                             | 601-032-00-3        | 200-028-5 | 50-32-8    |          | 4.8 mg/kg         |              | 3.78 mg/kg     | 0.000378 %   | ✓                    |            |                |
| 28 |  indeno[123-cd]pyrene                                                                                                                                                                                                                                                       |                     | 205-893-2 | 193-39-5   |          | 1.4 mg/kg         |              | 1.102 mg/kg    | 0.00011 %    | ✓                    |            |                |
| 29 | dibenz[a,h]anthracene                                                                                                                                                                                                                                                                                                                                          | 601-041-00-2        | 200-181-8 | 53-70-3    |          | 0.47 mg/kg        |              | 0.37 mg/kg     | 0.000037 %   | ✓                    |            |                |
| 30 |  benzo[ghi]perylene                                                                                                                                                                                                                                                         |                     | 205-883-8 | 191-24-2   |          | 2 mg/kg           |              | 1.575 mg/kg    | 0.000157 %   | ✓                    |            |                |

| #      | Determinand         |           |            | CLP Note | User entered data | Conv. Factor | Compound conc.   | Classification value | MC Applied | Conc. Not Used |
|--------|---------------------|-----------|------------|----------|-------------------|--------------|------------------|----------------------|------------|----------------|
|        | EU CLP index number | EC Number | CAS Number |          |                   |              |                  |                      |            |                |
| 31     | phenol              |           |            |          | 0.9      mg/kg    |              | 0.709      mg/kg | 0.0000709 %          | ✓          |                |
|        | 604-001-00-2        | 203-632-7 | 108-95-2   |          |                   |              |                  |                      |            |                |
| Total: |                     |           |            |          |                   |              |                  | 0.267 %              |            |                |

## 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                                                                   |

Classification of sample: TP116A (0.4)

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

Sample details

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                 |
| <b>TP116A (0.4)</b>     | Chapter:                                                                                  |
| Sample Depth:           | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.4 m</b>            | Entry:                                                                                    |
| Moisture content:       | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>18%</b>              |                                                                                           |
| (dry weight correction) |                                                                                           |

Hazard properties

None identified

Determinands

Moisture content: 18% Dry Weight Moisture Correction applied (MC)

| #  |                                                                                     | Determinand                                                                                                                                                                                                                                                                |           |            | CLP Note | User entered data | Conv. Factor | Compound conc.     |              | Classification value | MC Applied | Conc. Not Used |
|----|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|--------------------|--------------|----------------------|------------|----------------|
|    |                                                                                     | EU CLP index number                                                                                                                                                                                                                                                        | EC Number | CAS Number |          |                   |              |                    |              |                      |            |                |
| 1  |  | arsenic { arsenic trioxide }                                                                                                                                                                                                                                               |           |            |          | 16      mg/kg     | 1.32         | 17.903      mg/kg  | 0.00179 %    | ✓                    |            |                |
|    |                                                                                     | 033-003-00-0                                                                                                                                                                                                                                                               | 215-481-4 | 1327-53-3  |          |                   |              |                    |              |                      |            |                |
| 2  |  | beryllium { beryllium oxide }                                                                                                                                                                                                                                              |           |            |          | 2.1      mg/kg    | 2.775        | 4.939      mg/kg   | 0.000494 %   | ✓                    |            |                |
|    |                                                                                     | 004-003-00-8                                                                                                                                                                                                                                                               | 215-133-1 | 1304-56-9  |          |                   |              |                    |              |                      |            |                |
| 3  |  | boron { diboron trioxide }                                                                                                                                                                                                                                                 |           |            |          | 0.4      mg/kg    | 3.22         | 1.091      mg/kg   | 0.000109 %   | ✓                    |            |                |
|    |                                                                                     | 005-008-00-8                                                                                                                                                                                                                                                               | 215-125-8 | 1303-86-2  |          |                   |              |                    |              |                      |            |                |
| 4  |  | cadmium { cadmium oxide }                                                                                                                                                                                                                                                  |           |            |          | 0.4      mg/kg    | 1.142        | 0.387      mg/kg   | 0.0000387 %  | ✓                    |            |                |
|    |                                                                                     | 048-002-00-0                                                                                                                                                                                                                                                               | 215-146-2 | 1306-19-0  |          |                   |              |                    |              |                      |            |                |
| 5  |  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                                                                                                                   |           |            |          | <1      mg/kg     | 2.27         | <2.27      mg/kg   | <0.000227 %  |                      | <LOD       |                |
|    |                                                                                     | 024-017-00-8                                                                                                                                                                                                                                                               |           |            |          |                   |              |                    |              |                      |            |                |
| 6  |  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                                                                                                                |           |            |          | 150      mg/kg    | 1.126        | 143.121      mg/kg | 0.0143 %     | ✓                    |            |                |
|    |                                                                                     | 029-002-00-X                                                                                                                                                                                                                                                               | 215-270-7 | 1317-39-1  |          |                   |              |                    |              |                      |            |                |
| 7  |  | lead { lead chromate }                                                                                                                                                                                                                                                     |           |            | 1        | 45      mg/kg     | 1.56         | 59.484      mg/kg  | 0.00381 %    | ✓                    |            |                |
|    |                                                                                     | 082-004-00-2                                                                                                                                                                                                                                                               | 231-846-0 | 7758-97-6  |          |                   |              |                    |              |                      |            |                |
| 8  |  | mercury { mercury dichloride }                                                                                                                                                                                                                                             |           |            |          | 0.07      mg/kg   | 1.353        | 0.0803      mg/kg  | 0.00000803 % | ✓                    |            |                |
|    |                                                                                     | 080-010-00-X                                                                                                                                                                                                                                                               | 231-299-8 | 7487-94-7  |          |                   |              |                    |              |                      |            |                |
| 9  |  | nickel { nickel chromate }                                                                                                                                                                                                                                                 |           |            |          | 49      mg/kg     | 2.976        | 123.591      mg/kg | 0.0124 %     | ✓                    |            |                |
|    |                                                                                     | 028-035-00-7                                                                                                                                                                                                                                                               | 238-766-5 | 14721-18-7 |          |                   |              |                    |              |                      |            |                |
| 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 chromate }                                                                                                                                                                                                                                                     |           |            |          | 160      mg/kg    | 2.774        | 376.155      mg/kg | 0.0376 %     | ✓                    |            |                |
|    |                                                                                     | 024-007-00-3                                                                                                                                                                                                                                                               | 236-878-9 | 13530-65-9 |          |                   |              |                    |              |                      |            |                |
| 12 |  | TPH (C6 to C40) petroleum group                                                                                                                                                                                                                                            |           |            |          | 32      mg/kg     |              | 27.119      mg/kg  | 0.00271 %    | ✓                    |            |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | TPH        |          |                   |              |                    |              |                      |            |                |
| 13 |  | 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 } |           |            |          | 1.3      mg/kg    | 1.884        | 2.076      mg/kg   | 0.000208 %   | ✓                    |            |                |
|    |                                                                                     | 006-007-00-5                                                                                                                                                                                                                                                               |           |            |          |                   |              |                    |              |                      |            |                |
| 14 |  | pH                                                                                                                                                                                                                                                                         |           |            |          | 7.6      pH       |              | 7.6      pH        | 7.6 pH       |                      |            |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | PH         |          |                   |              |                    |              |                      |            |                |
| 15 |                                                                                     | naphthalene                                                                                                                                                                                                                                                                |           |            |          | 0.03      mg/kg   |              | 0.0254      mg/kg  | 0.00000254 % | ✓                    |            |                |
|    |                                                                                     | 601-052-00-2                                                                                                                                                                                                                                                               | 202-049-5 | 91-20-3    |          |                   |              |                    |              |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | 0.04 mg/kg        |              | 0.0339 mg/kg   | 0.00000339 %         | ✓          |                |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.25 mg/kg        |              | 0.212 mg/kg    | 0.0000212 %          | ✓          |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.06 mg/kg        |              | 0.0508 mg/kg   | 0.00000508 %         | ✓          |                |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.54 mg/kg        |              | 0.458 mg/kg    | 0.0000458 %          | ✓          |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.58 mg/kg        |              | 0.492 mg/kg    | 0.0000492 %          | ✓          |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.19 mg/kg        |              | 0.161 mg/kg    | 0.0000161 %          | ✓          |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.26 mg/kg        |              | 0.22 mg/kg     | 0.000022 %           | ✓          |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.25 mg/kg        |              | 0.212 mg/kg    | 0.0000212 %          | ✓          |                |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.11 mg/kg        |              | 0.0932 mg/kg   | 0.00000932 %         | ✓          |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.19 mg/kg        |              | 0.161 mg/kg    | 0.0000161 %          | ✓          |                |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.09 mg/kg        |              | 0.0763 mg/kg   | 0.00000763 %         | ✓          |                |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.11 mg/kg        |              | 0.0932 mg/kg   | 0.00000932 %         | ✓          |                |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | 0.4 mg/kg         |              | 0.339 mg/kg    | 0.0000339 %          | ✓          |                |
| Total: |                                    |              |            |          |                   |              |                | 0.0741 %             |            |                |

## 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 Given the nature of the materials (soils) it is not considered to be appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00271%)

Classification of sample: TP119 (1)

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

Sample details

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                 |
| <b>TP119 (1)</b>        | Chapter:                                                                                  |
| Sample Depth:           | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>1 m</b>              | Entry:                                                                                    |
| Moisture content:       | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>23%</b>              |                                                                                           |
| (dry weight correction) |                                                                                           |

Hazard properties

None identified

Determinands

Moisture content: 23% Dry Weight Moisture Correction applied (MC)

| #  |  | Determinand                                                                                                                                                                             |           |            | CLP Note | User entered data | Conv. Factor | Compound conc.     |             | Classification value | MC Applied | Conc. Not Used |
|----|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|--------------------|-------------|----------------------|------------|----------------|
|    |  | EU CLP index number                                                                                                                                                                     | EC Number | CAS Number |          |                   |              |                    |             |                      |            |                |
| 1  |  | arsenic { <b>arsenic trioxide</b> }                                                                                                                                                     |           |            |          | 15      mg/kg     | 1.32         | 16.102      mg/kg  | 0.00161 %   |                      |            |                |
|    |  | 033-003-00-0                                                                                                                                                                            | 215-481-4 | 1327-53-3  |          |                   |              |                    |             |                      |            |                |
| 2  |  | beryllium { <b>beryllium oxide</b> }                                                                                                                                                    |           |            |          | 0.6      mg/kg    | 2.775        | 1.354      mg/kg   | 0.000135 %  |                      |            |                |
|    |  | 004-003-00-8                                                                                                                                                                            | 215-133-1 | 1304-56-9  |          |                   |              |                    |             |                      |            |                |
| 3  |  | boron { <b>diboron trioxide</b> }                                                                                                                                                       |           |            |          | 0.5      mg/kg    | 3.22         | 1.309      mg/kg   | 0.000131 %  |                      |            |                |
|    |  | 005-008-00-8                                                                                                                                                                            | 215-125-8 | 1303-86-2  |          |                   |              |                    |             |                      |            |                |
| 4  |  | cadmium { <b>cadmium oxide</b> }                                                                                                                                                        |           |            |          | 0.5      mg/kg    | 1.142        | 0.464      mg/kg   | 0.0000464 % |                      |            |                |
|    |  | 048-002-00-0                                                                                                                                                                            | 215-146-2 | 1306-19-0  |          |                   |              |                    |             |                      |            |                |
| 5  |  | chromium in chromium(VI) compounds { <b>chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex</b> }                         |           |            |          | <1      mg/kg     | 2.27         | <2.27      mg/kg   | <0.000227 % |                      | <LOD       |                |
|    |  | 024-017-00-8                                                                                                                                                                            |           |            |          |                   |              |                    |             |                      |            |                |
| 6  |  | copper { <b>dicopper oxide; copper (I) oxide</b> }                                                                                                                                      |           |            |          | 44      mg/kg     | 1.126        | 40.276      mg/kg  | 0.00403 %   |                      |            |                |
|    |  | 029-002-00-X                                                                                                                                                                            | 215-270-7 | 1317-39-1  |          |                   |              |                    |             |                      |            |                |
| 7  |  | lead { <b>lead chromate</b> }                                                                                                                                                           |           |            | 1        | 75      mg/kg     | 1.56         | 95.111      mg/kg  | 0.0061 %    |                      |            |                |
|    |  | 082-004-00-2                                                                                                                                                                            | 231-846-0 | 7758-97-6  |          |                   |              |                    |             |                      |            |                |
| 8  |  | mercury { <b>mercury dichloride</b> }                                                                                                                                                   |           |            |          | 0.07      mg/kg   | 1.353        | 0.077      mg/kg   | 0.0000077 % |                      |            |                |
|    |  | 080-010-00-X                                                                                                                                                                            | 231-299-8 | 7487-94-7  |          |                   |              |                    |             |                      |            |                |
| 9  |  | nickel { <b>nickel chromate</b> }                                                                                                                                                       |           |            |          | 18      mg/kg     | 2.976        | 43.555      mg/kg  | 0.00436 %   |                      |            |                |
|    |  | 028-035-00-7                                                                                                                                                                            | 238-766-5 | 14721-18-7 |          |                   |              |                    |             |                      |            |                |
| 10 |  | selenium { <b>nickel selenate</b> }                                                                                                                                                     |           |            |          | <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 { <b>zinc chromate</b> }                                                                                                                                                           |           |            |          | 93      mg/kg     | 2.774        | 209.753      mg/kg | 0.021 %     |                      |            |                |
|    |  | 024-007-00-3                                                                                                                                                                            | 236-878-9 | 13530-65-9 |          |                   |              |                    |             |                      |            |                |
| 12 |  | TPH (C6 to C40) petroleum group                                                                                                                                                         |           |            |          | 14      mg/kg     |              | 11.382      mg/kg  | 0.00114 %   |                      |            |                |
|    |  |                                                                                                                                                                                         |           | TPH        |          |                   |              |                    |             |                      |            |                |
| 13 |  | 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 } |           |            |          | 0.3      mg/kg    | 1.884        | 0.46      mg/kg    | 0.000046 %  |                      |            |                |
|    |  | 006-007-00-5                                                                                                                                                                            |           |            |          |                   |              |                    |             |                      |            |                |
| 14 |  | pH                                                                                                                                                                                      |           |            |          | 7.4      pH       |              | 7.4      pH        | 7.4 pH      |                      |            |                |
|    |  |                                                                                                                                                                                         |           | PH         |          |                   |              |                    |             |                      |            |                |
| 15 |  | naphthalene                                                                                                                                                                             |           |            |          | <0.03      mg/kg  |              | <0.03      mg/kg   | <0.000003 % |                      | <LOD       |                |
|    |  | 601-052-00-2                                                                                                                                                                            | 202-049-5 | 91-20-3    |          |                   |              |                    |             |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.09 mg/kg        |              | 0.0732 mg/kg   | 0.00000732 %         | ✓          |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.14 mg/kg        |              | 0.114 mg/kg    | 0.0000114 %          | ✓          |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.12 mg/kg        |              | 0.0976 mg/kg   | 0.00000976 %         | ✓          |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.04 mg/kg        |              | 0.0325 mg/kg   | 0.00000325 %         | ✓          |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.06 mg/kg        |              | 0.0488 mg/kg   | 0.00000488 %         | ✓          |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.03 mg/kg        |              | 0.0244 mg/kg   | 0.00000244 %         | ✓          |                |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %           |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                | 0.039 %              |            |                |

## 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 Given the nature of the materials (soils) it is not considered to be appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00114%)

Classification of sample: TP119 (3)

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

Sample details

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                 |
| <b>TP119 (3)</b>        | Chapter:                                                                                  |
| Sample Depth:           | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>3 m</b>              | Entry:                                                                                    |
| Moisture content:       | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>18%</b>              |                                                                                           |
| (dry weight correction) |                                                                                           |

Hazard properties

None identified

Determinands

Moisture content: 18% Dry Weight Moisture Correction applied (MC)

| #  |                                                                                     | Determinand                                                                                                                                                                                                                                                                |           |            | CLP Note | User entered data | Conv. Factor | Compound conc.     |              | Classification value | MC Applied | Conc. Not Used |
|----|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|--------------------|--------------|----------------------|------------|----------------|
|    |                                                                                     | EU CLP index number                                                                                                                                                                                                                                                        | EC Number | CAS Number |          |                   |              |                    |              |                      |            |                |
| 1  |  | arsenic { arsenic trioxide }                                                                                                                                                                                                                                               |           |            |          | 12      mg/kg     | 1.32         | 13.427      mg/kg  | 0.00134 %    | ✓                    |            |                |
|    |                                                                                     | 033-003-00-0                                                                                                                                                                                                                                                               | 215-481-4 | 1327-53-3  |          |                   |              |                    |              |                      |            |                |
| 2  |  | beryllium { beryllium oxide }                                                                                                                                                                                                                                              |           |            |          | 0.6      mg/kg    | 2.775        | 1.411      mg/kg   | 0.000141 %   | ✓                    |            |                |
|    |                                                                                     | 004-003-00-8                                                                                                                                                                                                                                                               | 215-133-1 | 1304-56-9  |          |                   |              |                    |              |                      |            |                |
| 3  |  | boron { diboron trioxide }                                                                                                                                                                                                                                                 |           |            |          | 0.5      mg/kg    | 3.22         | 1.364      mg/kg   | 0.000136 %   | ✓                    |            |                |
|    |                                                                                     | 005-008-00-8                                                                                                                                                                                                                                                               | 215-125-8 | 1303-86-2  |          |                   |              |                    |              |                      |            |                |
| 4  |  | cadmium { cadmium oxide }                                                                                                                                                                                                                                                  |           |            |          | 0.3      mg/kg    | 1.142        | 0.29      mg/kg    | 0.000029 %   | ✓                    |            |                |
|    |                                                                                     | 048-002-00-0                                                                                                                                                                                                                                                               | 215-146-2 | 1306-19-0  |          |                   |              |                    |              |                      |            |                |
| 5  |  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                                                                                                                   |           |            |          | <1      mg/kg     | 2.27         | <2.27      mg/kg   | <0.000227 %  |                      | <LOD       |                |
|    |                                                                                     | 024-017-00-8                                                                                                                                                                                                                                                               |           |            |          |                   |              |                    |              |                      |            |                |
| 6  |  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                                                                                                                |           |            |          | 49      mg/kg     | 1.126        | 46.753      mg/kg  | 0.00468 %    | ✓                    |            |                |
|    |                                                                                     | 029-002-00-X                                                                                                                                                                                                                                                               | 215-270-7 | 1317-39-1  |          |                   |              |                    |              |                      |            |                |
| 7  |  | lead { lead chromate }                                                                                                                                                                                                                                                     |           |            | 1        | 140      mg/kg    | 1.56         | 185.063      mg/kg | 0.0119 %     | ✓                    |            |                |
|    |                                                                                     | 082-004-00-2                                                                                                                                                                                                                                                               | 231-846-0 | 7758-97-6  |          |                   |              |                    |              |                      |            |                |
| 8  |  | mercury { mercury dichloride }                                                                                                                                                                                                                                             |           |            |          | 0.06      mg/kg   | 1.353        | 0.0688      mg/kg  | 0.00000688 % | ✓                    |            |                |
|    |                                                                                     | 080-010-00-X                                                                                                                                                                                                                                                               | 231-299-8 | 7487-94-7  |          |                   |              |                    |              |                      |            |                |
| 9  |  | nickel { nickel chromate }                                                                                                                                                                                                                                                 |           |            |          | 13      mg/kg     | 2.976        | 32.789      mg/kg  | 0.00328 %    | ✓                    |            |                |
|    |                                                                                     | 028-035-00-7                                                                                                                                                                                                                                                               | 238-766-5 | 14721-18-7 |          |                   |              |                    |              |                      |            |                |
| 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 chromate }                                                                                                                                                                                                                                                     |           |            |          | 120      mg/kg    | 2.774        | 282.117      mg/kg | 0.0282 %     | ✓                    |            |                |
|    |                                                                                     | 024-007-00-3                                                                                                                                                                                                                                                               | 236-878-9 | 13530-65-9 |          |                   |              |                    |              |                      |            |                |
| 12 |  | TPH (C6 to C40) petroleum group                                                                                                                                                                                                                                            |           |            |          | 860      mg/kg    |              | 728.814      mg/kg | 0.0729 %     | ✓                    |            |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | TPH        |          |                   |              |                    |              |                      |            |                |
| 13 |  | 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 } |           |            |          | 0.4      mg/kg    | 1.884        | 0.639      mg/kg   | 0.0000639 %  | ✓                    |            |                |
|    |                                                                                     | 006-007-00-5                                                                                                                                                                                                                                                               |           |            |          |                   |              |                    |              |                      |            |                |
| 14 |  | pH                                                                                                                                                                                                                                                                         |           |            |          | 8.2      pH       |              | 8.2      pH        | 8.2 pH       |                      |            |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | PH         |          |                   |              |                    |              |                      |            |                |
| 15 |                                                                                     | naphthalene                                                                                                                                                                                                                                                                |           |            |          | 1.3      mg/kg    |              | 1.102      mg/kg   | 0.00011 %    | ✓                    |            |                |
|    |                                                                                     | 601-052-00-2                                                                                                                                                                                                                                                               | 202-049-5 | 91-20-3    |          |                   |              |                    |              |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | 0.1 mg/kg         |              | 0.0847 mg/kg   | 0.0000847 %          | ✓          |                |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | 4 mg/kg           |              | 3.39 mg/kg     | 0.000339 %           | ✓          |                |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | 2.9 mg/kg         |              | 2.458 mg/kg    | 0.000246 %           | ✓          |                |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 13 mg/kg          |              | 11.017 mg/kg   | 0.0011 %             | ✓          |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | 4 mg/kg           |              | 3.39 mg/kg     | 0.000339 %           | ✓          |                |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 13 mg/kg          |              | 11.017 mg/kg   | 0.0011 %             | ✓          |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 12 mg/kg          |              | 10.169 mg/kg   | 0.00102 %            | ✓          |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 4.3 mg/kg         |              | 3.644 mg/kg    | 0.000364 %           | ✓          |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 4.1 mg/kg         |              | 3.475 mg/kg    | 0.000347 %           | ✓          |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 3.8 mg/kg         |              | 3.22 mg/kg     | 0.000322 %           | ✓          |                |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 1.4 mg/kg         |              | 1.186 mg/kg    | 0.000119 %           | ✓          |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 3 mg/kg           |              | 2.542 mg/kg    | 0.000254 %           | ✓          |                |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.91 mg/kg        |              | 0.771 mg/kg    | 0.0000771 %          | ✓          |                |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | 0.21 mg/kg        |              | 0.178 mg/kg    | 0.0000178 %          | ✓          |                |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 1.1 mg/kg         |              | 0.932 mg/kg    | 0.0000932 %          | ✓          |                |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | 0.4 mg/kg         |              | 0.339 mg/kg    | 0.0000339 %          | ✓          |                |
| Total: |                                    |              |            |          |                   |              |                | 0.129 %              |            |                |

## 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 Given the nature of the materials (soils) it is not considered to be appropriate

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0729%)

## Classification of sample: TP120 (0.6)



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

## Sample details

|                         |                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                          |
| <b>TP120 (0.6)</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>0.6 m</b>            |                                                                                                    |
| Moisture content:       |                                                                                                    |
| <b>10%</b>              |                                                                                                    |
| (dry weight correction) |                                                                                                    |

## Hazard properties

None identified

## Determinands

Moisture content: 10% Dry Weight Moisture Correction applied (MC)

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. |               | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|---------------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |              |                |               |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 7.5 mg/kg         | 1.32         | 9.002 mg/kg    | 0.0009 %      |                      | ✓          |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |               |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | 0.7 mg/kg         | 2.775        | 1.766 mg/kg    | 0.000177 %    |                      | ✓          |                |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |              |                |               |                      |            |                |
| 3  | boron { diboron trioxide }                                                                                                                                                             |           |            |          | <0.2 mg/kg        | 3.22         | <0.644 mg/kg   | <0.0000644 %  |                      |            | <LOD           |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |               |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.2 mg/kg         | 1.142        | 0.208 mg/kg    | 0.0000208 %   |                      | ✓          |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |               |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |           |            |          | <1 mg/kg          | 2.27         | <2.27 mg/kg    | <0.000227 %   |                      |            | <LOD           |
|    | 024-017-00-8                                                                                                                                                                           |           |            |          |                   |              |                |               |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 25 mg/kg          | 1.126        | 25.588 mg/kg   | 0.00256 %     |                      | ✓          |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |               |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 12 mg/kg          | 1.56         | 17.016 mg/kg   | 0.00109 %     |                      | ✓          |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |              |                |               |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | <0.05 mg/kg       | 1.353        | <0.0677 mg/kg  | <0.00000677 % |                      |            | <LOD           |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |               |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 26 mg/kg          | 2.976        | 70.348 mg/kg   | 0.00703 %     |                      | ✓          |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |               |                      |            |                |
| 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 chromate }                                                                                                                                                                 |           |            |          | 58 mg/kg          | 2.774        | 146.273 mg/kg  | 0.0146 %      |                      | ✓          |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |              |                |               |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | <10 mg/kg         |              | <10 mg/kg      | <0.001 %      |                      |            | <LOD           |
|    |                                                                                                                                                                                        |           | TPH        |          |                   |              |                |               |                      |            |                |
| 13 | 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 } |           |            |          | <0.1 mg/kg        | 1.884        | <0.188 mg/kg   | <0.0000188 %  |                      |            | <LOD           |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |               |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 8.3 pH            |              | 8.3 pH         | 8.3 pH        |                      |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |               |                      |            |                |
| 15 | naphthalene                                                                                                                                                                            |           |            |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %   |                      |            | <LOD           |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |              |                |               |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 % |                      |            | <LOD           |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | 0.4 mg/kg         |              | 0.364 mg/kg    | 0.0000364 % | ✓                    |            |                |
| Total: |                                    |              |            |          |                   |              |                |             | 0.0279 %             |            |                |

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: TP121 (1)



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

## Sample details

|                         |                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                          |
| <b>TP121 (1)</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 m</b>              |                                                                                                    |
| Moisture content:       |                                                                                                    |
| <b>17%</b>              |                                                                                                    |
| (dry weight correction) |                                                                                                    |

## Hazard properties

None identified

## Determinands

Moisture content: 17% Dry Weight Moisture Correction applied (MC)

| #  |                                                                                     | Determinand                                                                                                                                                                                                                                                                |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. |              | Classification value | MC Applied | Conc. Not Used |
|----|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|--------------|----------------------|------------|----------------|
|    |                                                                                     | EU CLP index number                                                                                                                                                                                                                                                        | EC Number | CAS Number |          |                   |              |                |              |                      |            |                |
| 1  |  | arsenic { arsenic trioxide }                                                                                                                                                                                                                                               |           |            |          | 11 mg/kg          | 1.32         | 12.413 mg/kg   | 0.00124 %    | ✓                    |            |                |
|    |                                                                                     | 033-003-00-0                                                                                                                                                                                                                                                               | 215-481-4 | 1327-53-3  |          |                   |              |                |              |                      |            |                |
| 2  |  | beryllium { beryllium oxide }                                                                                                                                                                                                                                              |           |            |          | 0.9 mg/kg         | 2.775        | 2.135 mg/kg    | 0.000213 %   | ✓                    |            |                |
|    |                                                                                     | 004-003-00-8                                                                                                                                                                                                                                                               | 215-133-1 | 1304-56-9  |          |                   |              |                |              |                      |            |                |
| 3  |  | boron { diboron trioxide }                                                                                                                                                                                                                                                 |           |            |          | 0.3 mg/kg         | 3.22         | 0.826 mg/kg    | 0.0000826 %  | ✓                    |            |                |
|    |                                                                                     | 005-008-00-8                                                                                                                                                                                                                                                               | 215-125-8 | 1303-86-2  |          |                   |              |                |              |                      |            |                |
| 4  |  | cadmium { cadmium oxide }                                                                                                                                                                                                                                                  |           |            |          | 0.4 mg/kg         | 1.142        | 0.391 mg/kg    | 0.0000391 %  | ✓                    |            |                |
|    |                                                                                     | 048-002-00-0                                                                                                                                                                                                                                                               | 215-146-2 | 1306-19-0  |          |                   |              |                |              |                      |            |                |
| 5  |  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                                                                                                                   |           |            |          | <1 mg/kg          | 2.27         | <2.27 mg/kg    | <0.000227 %  |                      | <LOD       |                |
|    |                                                                                     | 024-017-00-8                                                                                                                                                                                                                                                               |           |            |          |                   |              |                |              |                      |            |                |
| 6  |  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                                                                                                                |           |            |          | 43 mg/kg          | 1.126        | 41.379 mg/kg   | 0.00414 %    | ✓                    |            |                |
|    |                                                                                     | 029-002-00-X                                                                                                                                                                                                                                                               | 215-270-7 | 1317-39-1  |          |                   |              |                |              |                      |            |                |
| 7  |  | lead { lead chromate }                                                                                                                                                                                                                                                     |           |            | 1        | 49 mg/kg          | 1.56         | 65.326 mg/kg   | 0.00419 %    | ✓                    |            |                |
|    |                                                                                     | 082-004-00-2                                                                                                                                                                                                                                                               | 231-846-0 | 7758-97-6  |          |                   |              |                |              |                      |            |                |
| 8  |  | mercury { mercury dichloride }                                                                                                                                                                                                                                             |           |            |          | 0.22 mg/kg        | 1.353        | 0.255 mg/kg    | 0.0000255 %  | ✓                    |            |                |
|    |                                                                                     | 080-010-00-X                                                                                                                                                                                                                                                               | 231-299-8 | 7487-94-7  |          |                   |              |                |              |                      |            |                |
| 9  |  | nickel { nickel chromate }                                                                                                                                                                                                                                                 |           |            |          | 22 mg/kg          | 2.976        | 55.964 mg/kg   | 0.0056 %     | ✓                    |            |                |
|    |                                                                                     | 028-035-00-7                                                                                                                                                                                                                                                               | 238-766-5 | 14721-18-7 |          |                   |              |                |              |                      |            |                |
| 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 chromate }                                                                                                                                                                                                                                                     |           |            |          | 180 mg/kg         | 2.774        | 426.792 mg/kg  | 0.0427 %     | ✓                    |            |                |
|    |                                                                                     | 024-007-00-3                                                                                                                                                                                                                                                               | 236-878-9 | 13530-65-9 |          |                   |              |                |              |                      |            |                |
| 12 |  | TPH (C6 to C40) petroleum group                                                                                                                                                                                                                                            |           |            |          | <10 mg/kg         |              | <10 mg/kg      | <0.001 %     |                      | <LOD       |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | TPH        |          |                   |              |                |              |                      |            |                |
| 13 |  | 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 } |           |            |          | <0.1 mg/kg        | 1.884        | <0.188 mg/kg   | <0.0000188 % |                      | <LOD       |                |
|    |                                                                                     | 006-007-00-5                                                                                                                                                                                                                                                               |           |            |          |                   |              |                |              |                      |            |                |
| 14 |  | pH                                                                                                                                                                                                                                                                         |           |            |          | 7.9 pH            |              | 7.9 pH         | 7.9 pH       |                      |            |                |
|    |                                                                                     |                                                                                                                                                                                                                                                                            |           | PH         |          |                   |              |                |              |                      |            |                |
| 15 |                                                                                     | naphthalene                                                                                                                                                                                                                                                                |           |            |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %  |                      | <LOD       |                |
|    |                                                                                     | 601-052-00-2                                                                                                                                                                                                                                                               | 202-049-5 | 91-20-3    |          |                   |              |                |              |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %  |                      |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | 0.06 mg/kg        |              | 0.0513 mg/kg   | 0.00000513 % | ✓                    |            |                |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | 0.04 mg/kg        |              | 0.0342 mg/kg   | 0.00000342 % | ✓                    |            |                |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.26 mg/kg        |              | 0.222 mg/kg    | 0.0000222 %  | ✓                    |            |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.08 mg/kg        |              | 0.0684 mg/kg   | 0.00000684 % | ✓                    |            |                |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.41 mg/kg        |              | 0.35 mg/kg     | 0.000035 %   | ✓                    |            |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.42 mg/kg        |              | 0.359 mg/kg    | 0.0000359 %  | ✓                    |            |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.14 mg/kg        |              | 0.12 mg/kg     | 0.000012 %   | ✓                    |            |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.17 mg/kg        |              | 0.145 mg/kg    | 0.0000145 %  | ✓                    |            |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.18 mg/kg        |              | 0.154 mg/kg    | 0.0000154 %  | ✓                    |            |                |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.06 mg/kg        |              | 0.0513 mg/kg   | 0.00000513 % | ✓                    |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.14 mg/kg        |              | 0.12 mg/kg     | 0.000012 %   | ✓                    |            |                |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.05 mg/kg        |              | 0.0427 mg/kg   | 0.00000427 % | ✓                    |            |                |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %  |                      |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.07 mg/kg        |              | 0.0598 mg/kg   | 0.00000598 % | ✓                    |            |                |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %   |                      |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                |              | 0.0598 %             |            |                |

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: TP121 (3.2)



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

## Sample details

|                         |                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                          |
| <b>TP121 (3.2)</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>3.2 m</b>            |                                                                                                    |
| Moisture content:       |                                                                                                    |
| <b>13%</b>              |                                                                                                    |
| (dry weight correction) |                                                                                                    |

## Hazard properties

None identified

## Determinands

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

| #  | Determinand                                                                                                                                                                            |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                                                    | EC Number | CAS Number |          |                   |              |                |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                                                           |           |            |          | 8.2 mg/kg         | 1.32         | 9.581 mg/kg    | 0.000958 %           | ✓          |                |
|    | 033-003-00-0                                                                                                                                                                           | 215-481-4 | 1327-53-3  |          |                   |              |                |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                                                          |           |            |          | 0.7 mg/kg         | 2.775        | 1.719 mg/kg    | 0.000172 %           | ✓          |                |
|    | 004-003-00-8                                                                                                                                                                           | 215-133-1 | 1304-56-9  |          |                   |              |                |                      |            |                |
| 3  | boron { diboron trioxide }                                                                                                                                                             |           |            |          | 0.5 mg/kg         | 3.22         | 1.425 mg/kg    | 0.000142 %           | ✓          |                |
|    | 005-008-00-8                                                                                                                                                                           | 215-125-8 | 1303-86-2  |          |                   |              |                |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                                              |           |            |          | 0.3 mg/kg         | 1.142        | 0.303 mg/kg    | 0.0000303 %          | ✓          |                |
|    | 048-002-00-0                                                                                                                                                                           | 215-146-2 | 1306-19-0  |          |                   |              |                |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }                               |           |            |          | <1 mg/kg          | 2.27         | <2.27 mg/kg    | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                                                            |           |            |          | 31 mg/kg          | 1.126        | 30.887 mg/kg   | 0.00309 %            | ✓          |                |
|    | 029-002-00-X                                                                                                                                                                           | 215-270-7 | 1317-39-1  |          |                   |              |                |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                                                 |           |            | 1        | 55 mg/kg          | 1.56         | 75.92 mg/kg    | 0.00487 %            | ✓          |                |
|    | 082-004-00-2                                                                                                                                                                           | 231-846-0 | 7758-97-6  |          |                   |              |                |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                                                         |           |            |          | <0.05 mg/kg       | 1.353        | <0.0677 mg/kg  | <0.00000677 %        |            | <LOD           |
|    | 080-010-00-X                                                                                                                                                                           | 231-299-8 | 7487-94-7  |          |                   |              |                |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                                                             |           |            |          | 21 mg/kg          | 2.976        | 55.311 mg/kg   | 0.00553 %            | ✓          |                |
|    | 028-035-00-7                                                                                                                                                                           | 238-766-5 | 14721-18-7 |          |                   |              |                |                      |            |                |
| 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 chromate }                                                                                                                                                                 |           |            |          | 63 mg/kg          | 2.774        | 154.665 mg/kg  | 0.0155 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                                                           | 236-878-9 | 13530-65-9 |          |                   |              |                |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                                                        |           |            |          | <10 mg/kg         |              | <10 mg/kg      | <0.001 %             |            | <LOD           |
|    |                                                                                                                                                                                        |           | TPH        |          |                   |              |                |                      |            |                |
| 13 | 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 } |           |            |          | <0.1 mg/kg        | 1.884        | <0.188 mg/kg   | <0.0000188 %         |            | <LOD           |
|    | 006-007-00-5                                                                                                                                                                           |           |            |          |                   |              |                |                      |            |                |
| 14 | pH                                                                                                                                                                                     |           |            |          | 8.4 pH            |              | 8.4 pH         | 8.4 pH               |            |                |
|    |                                                                                                                                                                                        |           | PH         |          |                   |              |                |                      |            |                |
| 15 | naphthalene                                                                                                                                                                            |           |            |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %          |            | <LOD           |
|    | 601-052-00-2                                                                                                                                                                           | 202-049-5 | 91-20-3    |          |                   |              |                |                      |            |                |

| #      | 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     | acenaphthylene                     | 205-917-1    | 208-96-8   |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %  |                      |            | <LOD           |
| 17     | acenaphthene                       | 201-469-6    | 83-32-9    |          | 0.03 mg/kg        |              | 0.0265 mg/kg   | 0.00000265 % | ✓                    |            |                |
| 18     | fluorene                           | 201-695-5    | 86-73-7    |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %  |                      |            | <LOD           |
| 19     | phenanthrene                       | 201-581-5    | 85-01-8    |          | 0.16 mg/kg        |              | 0.142 mg/kg    | 0.0000142 %  | ✓                    |            |                |
| 20     | anthracene                         | 204-371-1    | 120-12-7   |          | 0.03 mg/kg        |              | 0.0265 mg/kg   | 0.00000265 % | ✓                    |            |                |
| 21     | fluoranthene                       | 205-912-4    | 206-44-0   |          | 0.22 mg/kg        |              | 0.195 mg/kg    | 0.0000195 %  | ✓                    |            |                |
| 22     | pyrene                             | 204-927-3    | 129-00-0   |          | 0.23 mg/kg        |              | 0.204 mg/kg    | 0.0000204 %  | ✓                    |            |                |
| 23     | benzo[a]anthracene                 | 601-033-00-9 | 200-280-6  |          | 0.09 mg/kg        |              | 0.0796 mg/kg   | 0.00000796 % | ✓                    |            |                |
| 24     | chrysene                           | 601-048-00-0 | 205-923-4  |          | 0.12 mg/kg        |              | 0.106 mg/kg    | 0.0000106 %  | ✓                    |            |                |
| 25     | benzo[b]fluoranthene               | 601-034-00-4 | 205-911-9  |          | 0.13 mg/kg        |              | 0.115 mg/kg    | 0.0000115 %  | ✓                    |            |                |
| 26     | benzo[k]fluoranthene               | 601-036-00-5 | 205-916-6  |          | 0.04 mg/kg        |              | 0.0354 mg/kg   | 0.00000354 % | ✓                    |            |                |
| 27     | benzo[a]pyrene; benzo[def]chrysene | 601-032-00-3 | 200-028-5  |          | 0.1 mg/kg         |              | 0.0885 mg/kg   | 0.00000885 % | ✓                    |            |                |
| 28     | indeno[123-cd]pyrene               | 205-893-2    | 193-39-5   |          | 0.04 mg/kg        |              | 0.0354 mg/kg   | 0.00000354 % | ✓                    |            |                |
| 29     | dibenz[a,h]anthracene              | 601-041-00-2 | 200-181-8  |          | <0.03 mg/kg       |              | <0.03 mg/kg    | <0.000003 %  |                      |            | <LOD           |
| 30     | benzo[ghi]perylene                 | 205-883-8    | 191-24-2   |          | 0.05 mg/kg        |              | 0.0442 mg/kg   | 0.00000442 % | ✓                    |            |                |
| 31     | phenol                             | 604-001-00-2 | 203-632-7  |          | <0.3 mg/kg        |              | <0.3 mg/kg     | <0.00003 %   |                      |            | <LOD           |
| Total: |                                    |              |            |          |                   |              |                |              | 0.0318 %             |            |                |

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: TP122 (0.4)

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

Sample details

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                 |
| <b>TP122 (0.4)</b>      | Chapter:                                                                                  |
| Sample Depth:           | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.4 m</b>            | Entry:                                                                                    |
| Moisture content:       | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>11%</b>              |                                                                                           |
| (dry weight correction) |                                                                                           |

Hazard properties

None identified

Determinands

Moisture content: 11% Dry Weight Moisture Correction applied (MC)

| #  |                                                                                     | Determinand                                                                                                                                              |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. |             | Classification value | MC Applied | Conc. Not Used |
|----|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|-------------|----------------------|------------|----------------|
|    |                                                                                     | EU CLP index number                                                                                                                                      | EC Number | CAS Number |          |                   |              |                |             |                      |            |                |
| 1  |  | arsenic { arsenic trioxide }                                                                                                                             |           |            |          | 12 mg/kg          | 1.32         | 14.274 mg/kg   | 0.00143 %   | ✓                    |            |                |
|    |                                                                                     | 033-003-00-0                                                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |              |                |             |                      |            |                |
| 2  |  | beryllium { beryllium oxide }                                                                                                                            |           |            |          | 1.5 mg/kg         | 2.775        | 3.75 mg/kg     | 0.000375 %  | ✓                    |            |                |
|    |                                                                                     | 004-003-00-8                                                                                                                                             | 215-133-1 | 1304-56-9  |          |                   |              |                |             |                      |            |                |
| 3  |  | boron { diboron trioxide }                                                                                                                               |           |            |          | 0.4 mg/kg         | 3.22         | 1.16 mg/kg     | 0.000116 %  | ✓                    |            |                |
|    |                                                                                     | 005-008-00-8                                                                                                                                             | 215-125-8 | 1303-86-2  |          |                   |              |                |             |                      |            |                |
| 4  |  | cadmium { cadmium oxide }                                                                                                                                |           |            |          | 0.6 mg/kg         | 1.142        | 0.617 mg/kg    | 0.0000617 % | ✓                    |            |                |
|    |                                                                                     | 048-002-00-0                                                                                                                                             | 215-146-2 | 1306-19-0  |          |                   |              |                |             |                      |            |                |
| 5  |  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |           |            |          | <1 mg/kg          | 2.27         | <2.27 mg/kg    | <0.000227 % |                      | <LOD       |                |
|    |                                                                                     | 024-017-00-8                                                                                                                                             |           |            |          |                   |              |                |             |                      |            |                |
| 6  |  | copper { dicopper oxide; copper (I) oxide }                                                                                                              |           |            |          | 82 mg/kg          | 1.126        | 83.174 mg/kg   | 0.00832 %   | ✓                    |            |                |
|    |                                                                                     | 029-002-00-X                                                                                                                                             | 215-270-7 | 1317-39-1  |          |                   |              |                |             |                      |            |                |
| 7  |  | lead { lead chromate }                                                                                                                                   |           |            | 1        | 83 mg/kg          | 1.56         | 116.635 mg/kg  | 0.00748 %   | ✓                    |            |                |
|    |                                                                                     | 082-004-00-2                                                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |              |                |             |                      |            |                |
| 8  |  | mercury { mercury dichloride }                                                                                                                           |           |            |          | 0.1 mg/kg         | 1.353        | 0.122 mg/kg    | 0.0000122 % | ✓                    |            |                |
|    |                                                                                     | 080-010-00-X                                                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |              |                |             |                      |            |                |
| 9  |  | nickel { nickel chromate }                                                                                                                               |           |            |          | 23 mg/kg          | 2.976        | 61.67 mg/kg    | 0.00617 %   | ✓                    |            |                |
|    |                                                                                     | 028-035-00-7                                                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |              |                |             |                      |            |                |
| 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 chromate }                                                                                                                                   |           |            |          | 130 mg/kg         | 2.774        | 324.9 mg/kg    | 0.0325 %    | ✓                    |            |                |
|    |                                                                                     | 024-007-00-3                                                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |              |                |             |                      |            |                |
| 12 |  | TPH (C6 to C40) petroleum group                                                                                                                          |           |            |          | 140 mg/kg         |              | 126.126 mg/kg  | 0.0126 %    | ✓                    |            |                |
|    |                                                                                     |                                                                                                                                                          |           | TPH        |          |                   |              |                |             |                      |            |                |
| 13 |                                                                                     | benzene                                                                                                                                                  |           |            |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 % |                      | <LOD       |                |
|    |                                                                                     | 601-020-00-8                                                                                                                                             | 200-753-7 | 71-43-2    |          |                   |              |                |             |                      |            |                |
| 14 |                                                                                     | toluene                                                                                                                                                  |           |            |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 % |                      | <LOD       |                |
|    |                                                                                     | 601-021-00-3                                                                                                                                             | 203-625-9 | 108-88-3   |          |                   |              |                |             |                      |            |                |
| 15 |  | ethylbenzene                                                                                                                                             |           |            |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 % |                      | <LOD       |                |
|    |                                                                                     | 601-023-00-4                                                                                                                                             | 202-849-4 | 100-41-4   |          |                   |              |                |             |                      |            |                |

| #      | Determinand                                                                                                                                                                                                                                                                                                                                                                |                                                                  |                                                              | CLP Note | User entered data | Conv. Factor | Compound conc. |             | Classification value | MC Applied | Conc. Not Used |
|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------|----------|-------------------|--------------|----------------|-------------|----------------------|------------|----------------|
|        | EU CLP index number                                                                                                                                                                                                                                                                                                                                                        | EC Number                                                        | CAS Number                                                   |          |                   |              |                |             |                      |            |                |
| 16     | 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] |          | <0.01 mg/kg       |              | <0.01 mg/kg    | <0.000001 % |                      |            | <LOD           |
| 17     |  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 |                                                                  |                                                              |          | 0.2 mg/kg         | 1.884        | 0.339 mg/kg    | 0.0000339 % | ✓                    |            |                |
| 18     |  pH<br>PH                                                                                                                                                                                                                                                                                 |                                                                  | PH                                                           |          | 10.3 pH           |              | 10.3 pH        | 10.3 pH     |                      |            |                |
| 19     | naphthalene<br>601-052-00-2                                                                                                                                                                                                                                                                                                                                                | 202-049-5                                                        | 91-20-3                                                      |          | 0.18 mg/kg        |              | 0.162 mg/kg    | 0.0000162 % | ✓                    |            |                |
| 20     |  acenaphthylene<br>205-917-1                                                                                                                                                                                                                                                              | 208-96-8                                                         |                                                              |          | 0.03 mg/kg        |              | 0.027 mg/kg    | 0.0000027 % | ✓                    |            |                |
| 21     |  acenaphthene<br>201-469-6                                                                                                                                                                                                                                                                | 83-32-9                                                          |                                                              |          | 1.7 mg/kg         |              | 1.532 mg/kg    | 0.000153 %  | ✓                    |            |                |
| 22     |  fluorene<br>201-695-5                                                                                                                                                                                                                                                                    | 86-73-7                                                          |                                                              |          | 0.71 mg/kg        |              | 0.64 mg/kg     | 0.000064 %  | ✓                    |            |                |
| 23     |  phenanthrene<br>201-581-5                                                                                                                                                                                                                                                                | 85-01-8                                                          |                                                              |          | 4.6 mg/kg         |              | 4.144 mg/kg    | 0.000414 %  | ✓                    |            |                |
| 24     |  anthracene<br>204-371-1                                                                                                                                                                                                                                                                 | 120-12-7                                                         |                                                              |          | 1.2 mg/kg         |              | 1.081 mg/kg    | 0.000108 %  | ✓                    |            |                |
| 25     |  fluoranthene<br>205-912-4                                                                                                                                                                                                                                                              | 206-44-0                                                         |                                                              |          | 7.5 mg/kg         |              | 6.757 mg/kg    | 0.000676 %  | ✓                    |            |                |
| 26     |  pyrene<br>204-927-3                                                                                                                                                                                                                                                                    | 129-00-0                                                         |                                                              |          | 6.9 mg/kg         |              | 6.216 mg/kg    | 0.000622 %  | ✓                    |            |                |
| 27     | benzo[a]anthracene<br>601-033-00-9                                                                                                                                                                                                                                                                                                                                         | 200-280-6                                                        | 56-55-3                                                      |          | 2.9 mg/kg         |              | 2.613 mg/kg    | 0.000261 %  | ✓                    |            |                |
| 28     | chrysene<br>601-048-00-0                                                                                                                                                                                                                                                                                                                                                   | 205-923-4                                                        | 218-01-9                                                     |          | 2.9 mg/kg         |              | 2.613 mg/kg    | 0.000261 %  | ✓                    |            |                |
| 29     | benzo[b]fluoranthene<br>601-034-00-4                                                                                                                                                                                                                                                                                                                                       | 205-911-9                                                        | 205-99-2                                                     |          | 2.7 mg/kg         |              | 2.432 mg/kg    | 0.000243 %  | ✓                    |            |                |
| 30     | benzo[k]fluoranthene<br>601-036-00-5                                                                                                                                                                                                                                                                                                                                       | 205-916-6                                                        | 207-08-9                                                     |          | 1.1 mg/kg         |              | 0.991 mg/kg    | 0.0000991 % | ✓                    |            |                |
| 31     | benzo[a]pyrene; benzo[def]chrysene<br>601-032-00-3                                                                                                                                                                                                                                                                                                                         | 200-028-5                                                        | 50-32-8                                                      |          | 2.4 mg/kg         |              | 2.162 mg/kg    | 0.000216 %  | ✓                    |            |                |
| 32     |  indeno[123-cd]pyrene<br>205-893-2                                                                                                                                                                                                                                                      | 193-39-5                                                         |                                                              |          | 0.77 mg/kg        |              | 0.694 mg/kg    | 0.0000694 % | ✓                    |            |                |
| 33     | dibenz[a,h]anthracene<br>601-041-00-2                                                                                                                                                                                                                                                                                                                                      | 200-181-8                                                        | 53-70-3                                                      |          | 0.19 mg/kg        |              | 0.171 mg/kg    | 0.0000171 % | ✓                    |            |                |
| 34     |  benzo[ghi]perylene<br>205-883-8                                                                                                                                                                                                                                                        | 191-24-2                                                         |                                                              |          | 0.97 mg/kg        |              | 0.874 mg/kg    | 0.0000874 % | ✓                    |            |                |
| 35     | phenol<br>604-001-00-2                                                                                                                                                                                                                                                                                                                                                     | 203-632-7                                                        | 108-95-2                                                     |          | 0.7 mg/kg         |              | 0.631 mg/kg    | 0.0000631 % | ✓                    |            |                |
| Total: |                                                                                                                                                                                                                                                                                                                                                                            |                                                                  |                                                              |          |                   |              |                |             | 0.0728 %             |            |                |

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 Given the nature of the materials (soils) it is not considered to be appropriate

---

Hazard Statements hit:

---

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

Because of determinand:

---

TPH (C6 to C40) petroleum group: (conc.: 0.0126%)

## Classification of sample: TP123 (0.4)

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

## Sample details

|                         |                                                                                           |
|-------------------------|-------------------------------------------------------------------------------------------|
| Sample name:            | LoW Code:                                                                                 |
| <b>TP123 (0.4)</b>      | Chapter:                                                                                  |
| Sample Depth:           | 17: Construction and Demolition Wastes (including excavated soil from contaminated sites) |
| <b>0.4 m</b>            | Entry:                                                                                    |
| Moisture content:       | 17 05 04 (Soil and stones other than those mentioned in 17 05 03)                         |
| <b>27%</b>              |                                                                                           |
| (dry weight correction) |                                                                                           |

## Hazard properties

None identified

## Determinands

Moisture content: 27% Dry Weight Moisture Correction applied (MC)

| #  | Determinand                                                                                                                                              |           |            | CLP Note | User entered data | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------------|----------|-------------------|--------------|----------------|-------|----------------------|------------|----------------|
|    | EU CLP index number                                                                                                                                      | EC Number | CAS Number |          |                   |              |                |       |                      |            |                |
| 1  | arsenic { arsenic trioxide }                                                                                                                             |           |            |          | 26 mg/kg          | 1.32         | 27.03          | mg/kg | 0.0027 %             | ✓          |                |
|    | 033-003-00-0                                                                                                                                             | 215-481-4 | 1327-53-3  |          |                   |              |                |       |                      |            |                |
| 2  | beryllium { beryllium oxide }                                                                                                                            |           |            |          | 2.3 mg/kg         | 2.775        | 5.026          | mg/kg | 0.000503 %           | ✓          |                |
|    | 004-003-00-8                                                                                                                                             | 215-133-1 | 1304-56-9  |          |                   |              |                |       |                      |            |                |
| 3  | boron { diboron trioxide }                                                                                                                               |           |            |          | 0.7 mg/kg         | 3.22         | 1.775          | mg/kg | 0.000177 %           | ✓          |                |
|    | 005-008-00-8                                                                                                                                             | 215-125-8 | 1303-86-2  |          |                   |              |                |       |                      |            |                |
| 4  | cadmium { cadmium oxide }                                                                                                                                |           |            |          | 0.9 mg/kg         | 1.142        | 0.81           | mg/kg | 0.000081 %           | ✓          |                |
|    | 048-002-00-0                                                                                                                                             | 215-146-2 | 1306-19-0  |          |                   |              |                |       |                      |            |                |
| 5  | chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } |           |            |          | <1 mg/kg          | 2.27         | <2.27          | mg/kg | <0.000227 %          |            | <LOD           |
|    | 024-017-00-8                                                                                                                                             |           |            |          |                   |              |                |       |                      |            |                |
| 6  | copper { dicopper oxide; copper (I) oxide }                                                                                                              |           |            |          | 210 mg/kg         | 1.126        | 186.171        | mg/kg | 0.0186 %             | ✓          |                |
|    | 029-002-00-X                                                                                                                                             | 215-270-7 | 1317-39-1  |          |                   |              |                |       |                      |            |                |
| 7  | lead { lead chromate }                                                                                                                                   |           |            | 1        | 120 mg/kg         | 1.56         | 147.384        | mg/kg | 0.00945 %            | ✓          |                |
|    | 082-004-00-2                                                                                                                                             | 231-846-0 | 7758-97-6  |          |                   |              |                |       |                      |            |                |
| 8  | mercury { mercury dichloride }                                                                                                                           |           |            |          | 0.13 mg/kg        | 1.353        | 0.139          | mg/kg | 0.0000139 %          | ✓          |                |
|    | 080-010-00-X                                                                                                                                             | 231-299-8 | 7487-94-7  |          |                   |              |                |       |                      |            |                |
| 9  | nickel { nickel chromate }                                                                                                                               |           |            |          | 64 mg/kg          | 2.976        | 149.985        | mg/kg | 0.015 %              | ✓          |                |
|    | 028-035-00-7                                                                                                                                             | 238-766-5 | 14721-18-7 |          |                   |              |                |       |                      |            |                |
| 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 chromate }                                                                                                                                   |           |            |          | 240 mg/kg         | 2.774        | 524.248        | mg/kg | 0.0524 %             | ✓          |                |
|    | 024-007-00-3                                                                                                                                             | 236-878-9 | 13530-65-9 |          |                   |              |                |       |                      |            |                |
| 12 | TPH (C6 to C40) petroleum group                                                                                                                          |           | TPH        |          | 770 mg/kg         |              | 606.299        | mg/kg | 0.0606 %             | ✓          |                |
|    |                                                                                                                                                          |           |            |          |                   |              |                |       |                      |            |                |
| 13 | benzene                                                                                                                                                  |           |            |          | <0.01 mg/kg       |              | <0.01          | mg/kg | <0.000001 %          |            | <LOD           |
|    | 601-020-00-8                                                                                                                                             | 200-753-7 | 71-43-2    |          |                   |              |                |       |                      |            |                |
| 14 | toluene                                                                                                                                                  |           |            |          | <0.01 mg/kg       |              | <0.01          | mg/kg | <0.000001 %          |            | <LOD           |
|    | 601-021-00-3                                                                                                                                             | 203-625-9 | 108-88-3   |          |                   |              |                |       |                      |            |                |
| 15 | ethylbenzene                                                                                                                                             |           |            |          | <0.01 mg/kg       |              | <0.01          | mg/kg | <0.000001 %          |            | <LOD           |
|    | 601-023-00-4                                                                                                                                             | 202-849-4 | 100-41-4   |          |                   |              |                |       |                      |            |                |

| #      |                                                                                     | Determinand                                                                                                                                                                                                                                                              |                                                                  |                                                              | CLP Note | User entered data |       | Conv. Factor | Compound conc. |       | Classification value | MC Applied | Conc. Not Used |
|--------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------------------|----------|-------------------|-------|--------------|----------------|-------|----------------------|------------|----------------|
|        |                                                                                     | EU CLP index number                                                                                                                                                                                                                                                      | EC Number                                                        | CAS Number                                                   |          |                   |       |              |                |       |                      |            |                |
| 16     |                                                                                     | 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] |          | <0.01             | mg/kg |              | <0.01          | mg/kg | <0.000001 %          |            | <LOD           |
| 17     |    | 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 } |                                                                  |                                                              |          | 0.2               | mg/kg | 1.884        | 0.297          | mg/kg | 0.0000297 %          | ✓          |                |
|        |                                                                                     | 006-007-00-5                                                                                                                                                                                                                                                             |                                                                  |                                                              |          |                   |       |              |                |       |                      |            |                |
| 18     |    | pH                                                                                                                                                                                                                                                                       |                                                                  |                                                              |          | 10.3              | pH    |              | 10.3           | pH    | 10.3 pH              |            |                |
|        |                                                                                     |                                                                                                                                                                                                                                                                          |                                                                  | PH                                                           |          |                   |       |              |                |       |                      |            |                |
| 19     |                                                                                     | naphthalene<br>601-052-00-2                                                                                                                                                                                                                                              | 202-049-5                                                        | 91-20-3                                                      |          | 0.43              | mg/kg |              | 0.339          | mg/kg | 0.0000339 %          | ✓          |                |
| 20     |    | acenaphthylene                                                                                                                                                                                                                                                           |                                                                  |                                                              |          | <0.03             | mg/kg |              | <0.03          | mg/kg | <0.000003 %          |            | <LOD           |
|        |                                                                                     |                                                                                                                                                                                                                                                                          | 205-917-1                                                        | 208-96-8                                                     |          |                   |       |              |                |       |                      |            |                |
| 21     |    | acenaphthene                                                                                                                                                                                                                                                             |                                                                  |                                                              |          | 0.54              | mg/kg |              | 0.425          | mg/kg | 0.0000425 %          | ✓          |                |
|        |                                                                                     |                                                                                                                                                                                                                                                                          | 201-469-6                                                        | 83-32-9                                                      |          |                   |       |              |                |       |                      |            |                |
| 22     |    | fluorene                                                                                                                                                                                                                                                                 |                                                                  |                                                              |          | 0.38              | mg/kg |              | 0.299          | mg/kg | 0.0000299 %          | ✓          |                |
|        |                                                                                     |                                                                                                                                                                                                                                                                          | 201-695-5                                                        | 86-73-7                                                      |          |                   |       |              |                |       |                      |            |                |
| 23     |    | phenanthrene                                                                                                                                                                                                                                                             |                                                                  |                                                              |          | 1.7               | mg/kg |              | 1.339          | mg/kg | 0.000134 %           | ✓          |                |
|        |                                                                                     |                                                                                                                                                                                                                                                                          | 201-581-5                                                        | 85-01-8                                                      |          |                   |       |              |                |       |                      |            |                |
| 24     |  | anthracene                                                                                                                                                                                                                                                               |                                                                  |                                                              |          | 0.4               | mg/kg |              | 0.315          | mg/kg | 0.0000315 %          | ✓          |                |
|        |                                                                                     |                                                                                                                                                                                                                                                                          | 204-371-1                                                        | 120-12-7                                                     |          |                   |       |              |                |       |                      |            |                |
| 25     |  | fluoranthene                                                                                                                                                                                                                                                             |                                                                  |                                                              |          | 2.1               | mg/kg |              | 1.654          | mg/kg | 0.000165 %           | ✓          |                |
|        |                                                                                     |                                                                                                                                                                                                                                                                          | 205-912-4                                                        | 206-44-0                                                     |          |                   |       |              |                |       |                      |            |                |
| 26     |  | pyrene                                                                                                                                                                                                                                                                   |                                                                  |                                                              |          | 2                 | mg/kg |              | 1.575          | mg/kg | 0.000157 %           | ✓          |                |
|        |                                                                                     |                                                                                                                                                                                                                                                                          | 204-927-3                                                        | 129-00-0                                                     |          |                   |       |              |                |       |                      |            |                |
| 27     |                                                                                     | benzo[a]anthracene                                                                                                                                                                                                                                                       |                                                                  |                                                              |          | 0.41              | mg/kg |              | 0.323          | mg/kg | 0.0000323 %          | ✓          |                |
|        |                                                                                     | 601-033-00-9                                                                                                                                                                                                                                                             | 200-280-6                                                        | 56-55-3                                                      |          |                   |       |              |                |       |                      |            |                |
| 28     |                                                                                     | chrysene                                                                                                                                                                                                                                                                 |                                                                  |                                                              |          | 0.67              | mg/kg |              | 0.528          | mg/kg | 0.0000528 %          | ✓          |                |
|        |                                                                                     | 601-048-00-0                                                                                                                                                                                                                                                             | 205-923-4                                                        | 218-01-9                                                     |          |                   |       |              |                |       |                      |            |                |
| 29     |                                                                                     | benzo[b]fluoranthene                                                                                                                                                                                                                                                     |                                                                  |                                                              |          | 0.49              | mg/kg |              | 0.386          | mg/kg | 0.0000386 %          | ✓          |                |
|        |                                                                                     | 601-034-00-4                                                                                                                                                                                                                                                             | 205-911-9                                                        | 205-99-2                                                     |          |                   |       |              |                |       |                      |            |                |
| 30     |                                                                                     | benzo[k]fluoranthene                                                                                                                                                                                                                                                     |                                                                  |                                                              |          | 0.2               | mg/kg |              | 0.157          | mg/kg | 0.0000157 %          | ✓          |                |
|        |                                                                                     | 601-036-00-5                                                                                                                                                                                                                                                             | 205-916-6                                                        | 207-08-9                                                     |          |                   |       |              |                |       |                      |            |                |
| 31     |                                                                                     | benzo[a]pyrene; benzo[def]chrysene                                                                                                                                                                                                                                       |                                                                  |                                                              |          | 0.33              | mg/kg |              | 0.26           | mg/kg | 0.000026 %           | ✓          |                |
|        |                                                                                     | 601-032-00-3                                                                                                                                                                                                                                                             | 200-028-5                                                        | 50-32-8                                                      |          |                   |       |              |                |       |                      |            |                |
| 32     |  | indeno[123-cd]pyrene                                                                                                                                                                                                                                                     |                                                                  |                                                              |          | 0.14              | mg/kg |              | 0.11           | mg/kg | 0.000011 %           | ✓          |                |
|        |                                                                                     |                                                                                                                                                                                                                                                                          | 205-893-2                                                        | 193-39-5                                                     |          |                   |       |              |                |       |                      |            |                |
| 33     |                                                                                     | dibenz[a,h]anthracene                                                                                                                                                                                                                                                    |                                                                  |                                                              |          | 0.04              | mg/kg |              | 0.0315         | mg/kg | 0.00000315 %         | ✓          |                |
|        |                                                                                     | 601-041-00-2                                                                                                                                                                                                                                                             | 200-181-8                                                        | 53-70-3                                                      |          |                   |       |              |                |       |                      |            |                |
| 34     |  | benzo[ghi]perylene                                                                                                                                                                                                                                                       |                                                                  |                                                              |          | 0.21              | mg/kg |              | 0.165          | mg/kg | 0.0000165 %          | ✓          |                |
|        |                                                                                     |                                                                                                                                                                                                                                                                          | 205-883-8                                                        | 191-24-2                                                     |          |                   |       |              |                |       |                      |            |                |
| 35     |                                                                                     | phenol                                                                                                                                                                                                                                                                   |                                                                  |                                                              |          | 0.6               | mg/kg |              | 0.472          | mg/kg | 0.0000472 %          | ✓          |                |
|        |                                                                                     | 604-001-00-2                                                                                                                                                                                                                                                             | 203-632-7                                                        | 108-95-2                                                     |          |                   |       |              |                |       |                      |            |                |
| Total: |                                                                                     |                                                                                                                                                                                                                                                                          |                                                                  |                                                              |          |                   |       |              |                |       |                      | 0.161 %    |                |

#### 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 Given the nature of the materials (soils) it is not considered to be appropriate

---

Hazard Statements hit:

---

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

Because of determinand:

---

TPH (C6 to C40) petroleum group: (conc.: 0.0606%)

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

### 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

### 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 >= 0.2 %

Reason for additional Hazards Statement(s):

20 Nov 2021 - EUH032 >= 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&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&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&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

### 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

### 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

### 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

### 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

▪ **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

▪ **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

▪ **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

## Appendix B: Rationale for selection of metal species

### 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}

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(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) Worse 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 chromate}

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

### mercury {mercury dichloride}

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

### nickel {nickel chromate}

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

### selenium {nickel selenate}

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

### zinc {zinc chromate}

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

### 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)

---

## Appendix C: Version

---

HazWasteOnline Classification Engine: **WM3 1st Edition v1.2.GB - Oct 2021**  
HazWasteOnline Classification Engine Version: 2024.30.5942.10989 (30 Jan 2024)  
HazWasteOnline Database: 2024.26.5938.10982 (26 Jan 2024)

This classification utilises the following guidance and legislation:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020** - UK: 2020 No. 1540 of 16th December 2020

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

**GB MCL List v2.0** - version 2.0 of 20th October 2023

---

## London

15 Bermondsey Square  
London  
SE1 3UN

T: +44 (0)20 7340 1700  
E: [london@campbellreith.com](mailto:london@campbellreith.com)

## Birmingham

Chantry House  
High Street, Coleshill  
Birmingham B46 3BP

T: +44 (0)1675 467 484  
E: [birmingham@campbellreith.com](mailto:birmingham@campbellreith.com)

## Bristol

Unit 5.03,  
HERE,  
470 Bath Road,  
Bristol BS4 3AP

T: +44 (0)117 916 1066  
E: [bristol@campbellreith.com](mailto:bristol@campbellreith.com)

## Manchester

No. 1 Marsden Street  
Manchester  
M2 1HW

T: +44 (0)161 819 3060  
E: [manchester@campbellreith.com](mailto:manchester@campbellreith.com)

Campbell Reith Hill LLP. Registered in England & Wales. Limited Liability Partnership No OC300082  
A list of Members is available at our Registered Office at: 15 Bermondsey Square, London, SE1 3UN  
VAT No 974 8892 43